The
CHEMIST AND DRUGGIST
RETAILER — WHOLESALER — MANUFACTURER
OCTOBER 15, 1949

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B&Co. LTD.

Amongst the wide range of products which we handle, we are particularly well placed to supply the following :

ASPARAGIN DIGITOXIN

EPHEDRINE ALKALOID AND SALTS

THEOPHYLLINE

ATROPINE SULPHATE PHENAZONE

THEOPHYLLINE ETHYLENE DIAMINE

SEX HORMONES — NATURAL AND SYNTHETIC

METHIONINE L CYSTINE

LIQUORICE JUICE — SOLID, EXTRACT and POWDER

CASCARA SAGRADA — EXTRACT, GRAN. and LIQ.

CHLORAL HYDRATE

P.A.S. and SODIUM SALT FOR EXPORT in 250 GRAMME ALUMINIUM CONTAINERS

BIDDLE, SAWYER & CO. LTD.

4 GRAFTON STREET, LONDON, W.1

Telephone: REGENT 0521 **Telegrams: "BIDSAWYA, PICCY, LONDON"**

Cables: BIDSAWYA, LONDON

lent evidence that winter is on the way the steadily growing volume of doctor's escriptions for Adexolin. Colder weather lls for the added protection that Adexolin quid gives to growing children. For the nter born baby, too, Adexolin supplies the urishment that sunless days deny. And any an adult is following his doctor's advice d taking "One Adexolin Capsule a day from now until May". This medical preference r Adexolin gives the soundest backing to counter sales as well . . . sales that you can stimu- e *now* with a well placed Adexolin display, helped by the attractive show cards that are ailable on request. Take advantage also of the 33⅓% discount gained by purchasing your dexolin in Standard Parcels.

Parcel No. 1 (2 doz. x 25 capsules) £1. 12. 0 net.
Parcel No. 2 (1 doz. x 100 capsules) £2. 13. 4 net.
Parcel No. 4 (2 doz. x ½oz. liquid) £2. 0. 0 net.
Parcel No. 5 (1 doz. x 2oz. liquid) £3. 8. 0 net.

Order your Standard Parcels direct from Greenford, stating through which wholesaler we should invoice

GLAXO

ADEXOLIN Vitamins A & D

Face Prices : *Capsules : tins of 25, 2/- ; 100, 6/8d. Liquid : ½ oz. bottles, 2/6d ; 2 oz. 8/6d.*

LAXO LABORATORIES LTD., GREENFORD, MIDDLESEX. BYRon 3434

A

'BENYLIN'
Expectorant

In 4, 16 *and* 80 *fl. oz. bottles.*

M.R.P. (Including P.T.): 3/8*d.*, 11/7½*d. and* 55/-.

The ability of 'Benadryl' to relieve the cough and other distressing symptoms associated with the "common cold" represents still another clinical application of this remarkably versatile drug. The value of 'Benadryl' in controlling these symptoms is connected with its antispasmodic and bronchodilator properties.

In 'Benylin' Expectorant, 'Benadryl' is combined with proved expectorants in a raspberry-flavoured syrup, which is readily acceptable to both children and adults.

'Benylin' Expectorant not only relieves coughs, but is also effective in alleviating nasal stuffiness, sneezing, lachrymation and bronchial congestion.

P.A.T.A.

Dosage: Adults: 1-2 *teaspoonfuls.*

Children: ½-1 *teaspoonful.*

Each fluid ounce contains:

'Benadryl'	80 mgm
Ammonium chloride	12 gr
Sodium citrate	5 gr
Chloroform	1½ min
Menthol	1/10 g

PARKE, DAVIS & COMPANY

HOUNSLOW, MIDDLESEX

Telephone: Hounslow 2361 (11 *lines*). *Inc. U.S.A., Liability Ltd.*

CROOKES

Winter BONUS LINES

During the winter months the following lines will be offered on Bonus Terms of 13 to the dozen.

LACTO-CALAMINE LOTION

4 oz. bottle retails at 2/9d., including P. Tax. Parcel A — 1 bottle to the dozen on orders for 3 dozen. Parcel B — 14 to the dozen on orders for 6 dozen.

FERROMALT

4 oz. bottle retails at 2/3d., 8 oz. bottle retails at 4/-, exempt P. Tax.

IODINE OIL*

1 oz. bottle retails at 1/10d., 4 oz. bottle retails at 6/1d., including P. Tax.

VITAMIN QUOTA CAPSULES*

Vial of 28 retails at 5/-, 100 at 15/-, exempt P. Tax.

SCALP LOTION* (Plain or Oily)

6 oz. bottle retails at 3/1d., including P. Tax.

GLYCO-KARVOLENE

4 oz. bottle retails at 1/10d., 16 oz. bottle retails at 5/6d., including P. Tax.

EMULSION*

8 oz. bottle retails at 3/-, exempt P. Tax.

**Showcards available.*

THE CROOKES LABORATORIES LIMITED
PARK ROYAL LONDON N.W.10

When advice on

Contraception

is necessary or desirable

It is always wise to prescrib

***RENDELLS PRODUCT**

Based on clinical and biological experien and conforming to the same standard efficacy as required by the Family Planni Association, Rendells Products can alwa be recommended with full confidence.

The complete range of chemical cont ceptives now available gives a wide sco in selecting the best method suited individual requirements.

RENDELLS PESSARIES
RENDELL GELS
RENDELL - CREAM
RENDELL - FOAM

** Our latest chemists' advertising material is available upon requ*

W. J. RENDELL LIMITED

Manufacturing Chemists

161/165 ROSEBERY AVENUE, LONDON, E.C

Also at: SYDNEY (AUS.), WELLINGTON (N.Z.), RIO DE JANEIRO, P

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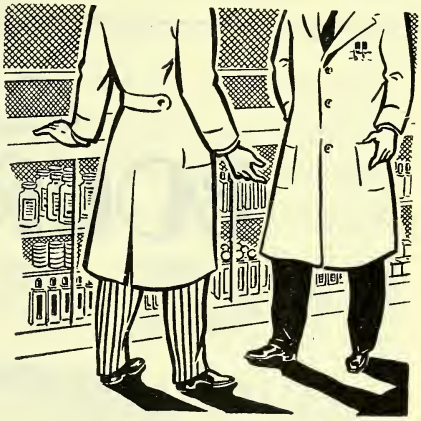
esistance to colds?



es, this is the time when customers ne in for Esobactulin. If we do as l on Esobactulin as we did last year, shan't complain." The complete rse —6 capsules taken over 5 days — designed to give most people 3 nths' immunity from colds.

Retail price 8/3 inc. P. Tax

Supplied through your Wholesaler

% ***DISCOUNT—Plus bonus of 13 to the dozen***

COUNTER AND WINDOW DISPLAYS NOW WILL BRING RESULTS

Literature on request

SOUTHON LABORATORIES LIMITED
UPPER RICHMOND ROAD, LONDON, S.W.15

ESOBACTULIN

protection against colds

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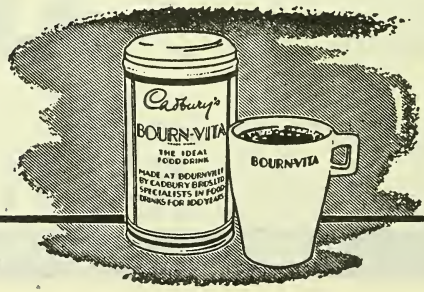
SUPPLIES MAY BE OBTAINED THROUGH YOUR WHOLESALE DRUGGIST



FIVE *of Britain's* FOREMOST *proprietaries*

The high quality and good value of the VENO products have withstood the searching test of home medication for many years. You can recommend and sell them to your customers with every confidence and be assured of consistent repeat business yielding an attractive margin of profit.

Veno's, Cassell's, Phensic

Germolene, Germoloids

TERMS: On combined orders amounting to £3 and upwards qualified Chemists are allowed 10% discount in return for window display, plus 2½% discount for cash in thirty days.

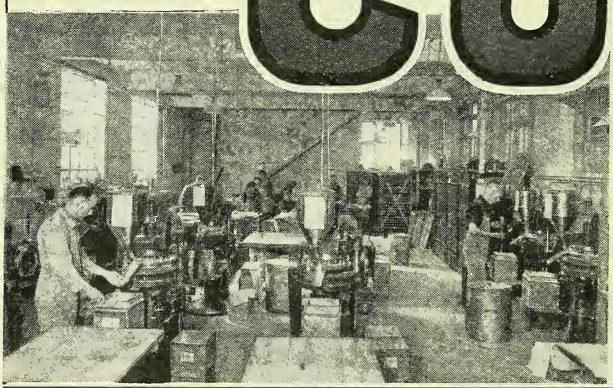
VENO DRUG CO., LTD., ST. HELEN'S, LANCASHIRE

If it's PILLS or TABLETS PACKED OR IN BULK

Consult the acknowledged Experts

COX

of Brighton



ARTHUR H. COX & CO. LTD

BRIGHTON 7, SUSSEX

MANUFACTURING CHEMISTS SINCE 1839

'ANAHÆMIN' for routine use

For most cases of pernicious anæmia, whether complicated by subacute combined degeneration of the cord or not, Anahæmin is the preparation of choice for effective treatment.

'ANACOBIN' BRAND Solution of Pure Crystalline Vitamin B_{12}

for the hypersensitive patient

Occasionally, cases of pernicious anæmia arise which cannot be treated satisfactorily, even with Anahæmin, because of hypersensitivity. For the treatment of such cases, Anacobin, a solution of **pure crystalline vitamin B_{12}**, an anti-pernicious anæmia factor present in Anahæmin, is now available. Each ampoule of Anacobin contains 10 micrograms of crystalline vitamin B_{12} in 1 ml. of normal saline.

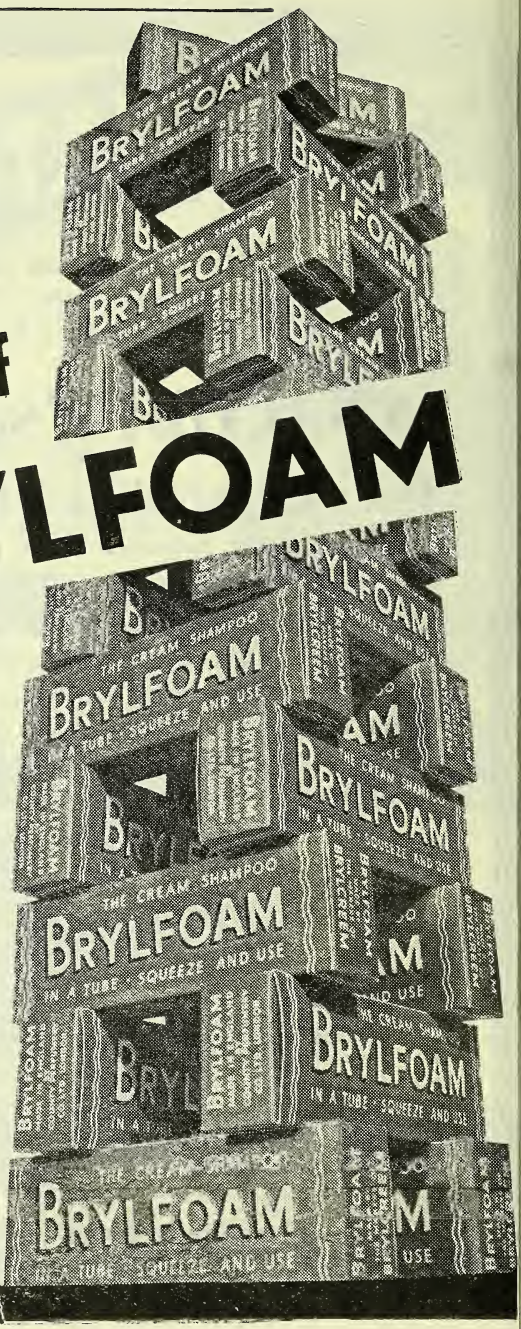
'ANAHÆMIN'	Pharmacists	Medical Profession	Retail
Box of 3 x 1 ml. ampoules	6/-	8/3	9/-
,, 6 x 1 ml. ,,	11/4	15/3	17/-
,, 3 x 2 ml. ,,	10/-	13/6	15/-
,, 6 x 2 ml. ,,	19/-	25/9	28/6
Vial of 15 ml.	22/-	29/9	33/-
,, 30 ml.	43/-	58/-	64/6
'ANACOBIN' Brand Solution of Pure Crystalline Vitamin B_{12}			
Box of 3 x 1 ml. ampoules	24/-	32/5	36/-

THE BRITISH DRUG HOUSES LTD. LONDON N.1

Abin/T/2

MORE REASON TO

Take good stock of BRYLFOAM



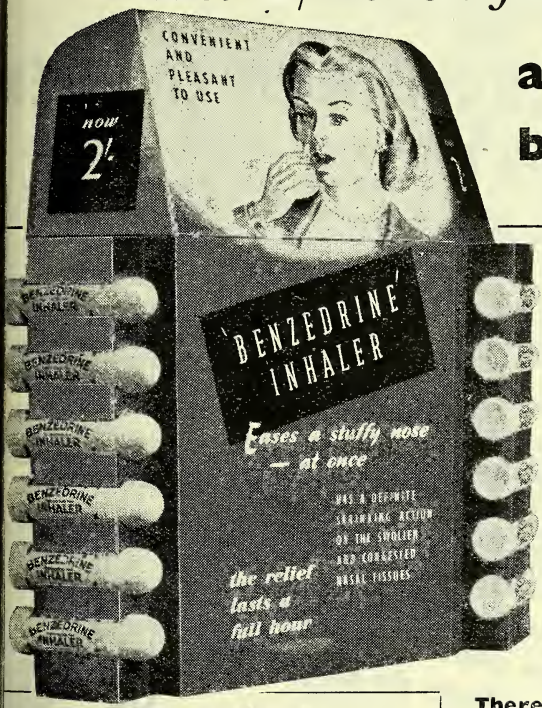
● Brylfoam is the largest-selling cream shampoo—because of the way it leaves the hair radiantly clean, sparkling with health. And bigger-than-ever advertising is going to make it a still bigger seller—national press advertisements alone mean readership by more than 20,000,000 women. Here's your opportunity to cash in on this by making a big feature of counter and window displays. Make sure you can always meet the demand for Brylfoam — it shampoos hair to perfection and is unequalled for efficiency, economy and speed . . . Speedy action, speedy sales, speedy profits!

COUNTY PERFUMERY Co. Ltd.
HONEYPOT LANE,
STANMORE, MIDDLESEX.

'Benzedrine' Inhalers

—*now 2/- each free of tax*

available on bonus terms

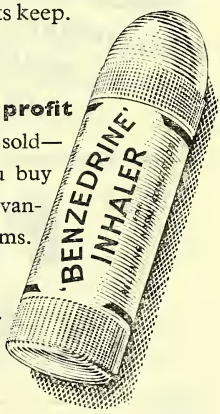


'Benzedrine' Inhalers supplied after 1st September, 1949, are exempt from Purchase Tax and sell even more readily than ever. Give one of these well-designed display cards a trial on *your* counter and let it work for you; it only takes a few square inches of space and will quickly earn its keep.

DISPLAY TERMS

From now until 30th November 1949, **twelve Inhalers for the price of eleven** on all orders for one or more boxes of one dozen.

There's still 6d. profit on each Inhaler sold—7½d. profit if you buy now on these advantageous display terms.



Trade price 18/- doz. Retail price 2/- each (tax free)

Less 5% cash 30 days on all orders to the value of £5 and over.

MENLEY & JAMES, LTD.

123 COLDHARBOUR LANE, LONDON, S.E.5

OR SMITH KLINE & FRENCH INT. CO. OWNER OF THE TRADE MARK 'BENZEDRINE'

For terms in Eire apply to Sole Agents: May Roberts (Ireland) Ltd., Grand Canal Quay, Dublin, C.6

PINEATE *pulls*

ON YOUR CHILDREN'S COUNTE

PINEATE'S quick soothing action and real honey flavour makes it an ideal cough remedy for children. Advertising through the coming winter will be aimed at the mothers of young families through the most popular women's magazines, and attractive display material will shortly be available.

- PINEATE RETAILS AT 1/11 INCLUDING TAX. TRADE TERMS 13/9 PER DOZ. + 4/7 PER DOZ. PURCHASE TAX
- CO-OPERATION DISCOUNTS ARE AVAILABLE FOR PINEATE WHEN INCLUDED WITH OTHER I.C.C. PRODUCTS OF 12½% ON ORDERS OF £10 AND OVER 10% ON ORDERS OF £5 AND OVER.

PINEATE *Honey* COUGH-SYRUP

A product of the

INTERNATIONAL CHEMICAL COMPANY LTD., CHENIES ST., W

Richard Daniel & Son LTD

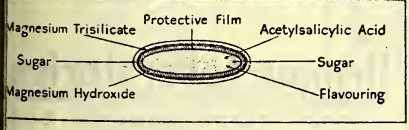
PROPRIETARIES
SUNDRIES DRUGS
TABLETS & PILLS

FOR
CHEMISTS

Manufacturing
Chemists

ad Office & Works Mansfield Road Derby Telephone 4266 (4 lines) Branch Warehouse Grosvenor St. Ashton-under-Lyne Telephone 2816 (2 lines)

Aspirin Therapy brought to Perfection.



MAGSILATE

ANALGESIC, ANTIPYRETIC TABLETS

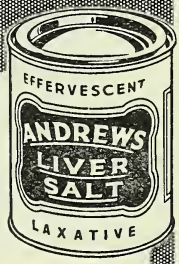
- Aspirin fully protected against deterioration
- Quicker absorption
- More effective action
- No gastric disturbance
- Palatable to eat
- No water required

MAGSILATE is a CF product, sold *through chemists only.* Terms are profitable. Attractive showcards, informative literature and free samples supplied with orders.

Supplied in two sizes : 4d. & 1/10d. (incl. P. Tax).
Dispensing packs : 125 Tablets, 9/- net and 500 tablets, 35/- net (free of P. Tax).
A product of **WESTMINSTER LABORATORIES LTD.,** Chalcot Road, London, N.W.1.

PATA

Quickest selling Saline



Unstinted time and money have been invested in making Andrews a stable and quick-selling line, and to-day Andrews has a firm hold on the goodwill of the public. For you, Andrews means satisfied customers. Imitations may come, and imitations may go, but customers' demand for Andrews goes on for ever, because :—

It is nationally advertised.

Andrews suits the popular taste.

Packing and keeping qualities guaranteed.

See that your stocks are adequate to meet extra demand created by increased advertising.

ANDREWS

FOR

Inner Cleanliness

GT15

Largest sale in the World

GLANOID

LIVER AND YEAST CONCENTRATE

Combining Liver Extract, Yeast, Vitamins B_1 and B_2

•

AN IDEAL TONIC

HASTENS CONVALESCENCE AND HELPS OVERCOME LASSITUDE, FATIGUE AND MALAISE

•

PACKED IN 4 oz., 8 oz., and 16 oz. BOTTLES

•

EXEMPT FROM PURCHASE TAX

THE

Armour Laboratories

(ARMOUR AND COMPANY LTD.)

LINDSEY STREET · LONDON · E·C·1

Telephone: Clerkenwell 9011

Telegrams: " Armosata-Phone," London

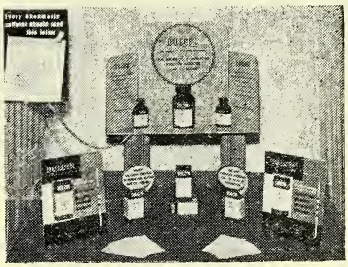
HAVE YOU CLAIMED YOUR DOLCIN BONUS YET?

13 UNITS TO THE DOZEN UNTIL NOVEMBER 12

IN a few days' time the intensified Nation-wide Dolcin advertising campaign will send thousands of Rheumatic sufferers into the shops to buy Dolcin.

Powerful, convincing advertisements conveying the story of the Dolcin discovery will appear in newspapers and periodicals throughout Great Britain reaching 42,000,000 readers per issue.

And what a story it is — prompt and prolonged relief from the pain of Arthritis, Sciatica, Lumbago, Fibrositis and Gout. A true story, too, tried and proved incontrovertibly in clinics and hospitals and medical practice both here and in America where this special compound of calcium succinate and acetylsalicylic acid was first discovered.



There will be a heavy demand for Dolcin and the public, as always, will buy where they see Dolcin displayed. Show the above Dolcin display in your window for 14 days, use the attractive counter leaflet dispenser, and your orders for Dolcin 100's will be filled 13 to the dozen during the bonus period.

If you have not received your Dolcin Bonus order card write today to Sole Distributors for full particulars.

DOLCIN

Reg. Trade Mark

THE NEW SUCCINATE-SALICYLATE THERAPY IN RHEUMATIC DISORDERS

Sole Distributors: TAMPAX LTD., 110 Jermyn St., London, S.W.1.

Ssh . . .

THEY'RE

TALKING FOR A MONTH!

—*ABOUT* SILCOT

Yes, for a whole month they're talking Silcot! They can be seen in the women's magazines in October. And over 9,000,000 women are hearing what they say.

To put it briefly, they're saying Silcot is super! They've no doubt about it. Like thousands of women they've just one choice. That's Silcot. The towel with the soft cotton wool. The smooth knitted covers. The stitched loops.

Silcot to them means comfort. And safety. And confidence. To you it means regular repeat business. Sure profits. All-the-year-round turnover.

Women are READING about SILCOT

TALKING about SILCOT

BUYING SILCOT

SILCOT SANITARY TOWELS

Direct from—
MACDONALD & SON LTD., HOPE MILLS, POLLARD STREET, MANCHESTER 4. ARD

TAKE A LEAD FROM NATURE

for colour & protection

. . . remember that she never works in a dull monochrome. So, in modern packaging in which man merely assists nature, we can be both colourful and wise in planning a pack that looks attractive, will have a long shelf-life and ensures complete protection. In our up-to-date Plant we manufacture many such packs and are continually experimenting and constantly perfecting products that will help sell your goods . . . film and foil, laminates and otherwise . . . bags and wrappers of all types . . . labels and cartons of all descriptions, printed letterpress, litho or gravure.

BROWN BIBBY & GREGORY LTD

Colour Printers & Packaging Specialists

LONDON OFFICE: 9 GRAFTON ST. W.1 · REGISTERED OFFICE & FACTORY: SPEKE, LIVERPOOL 19

Regent 2506 *Hunts Cross* 1331

This new display outer for Silvikrin Soapless Shampoo is sent au matically with your order for 3 dozen or more.

Put it on your counter and watch the results!

Sole Selling Agents: Prichard & Constance (Manufacturing) Ltd., North Circular Road, N.W.10. *Telephone:* ELGar 8095

Silvikrin

SOAPLESS SHAMPO

NOW!

BETTER THAN EVER

NEW! IMPROVED!

BROBAT

Suds

- Gentle to the Hands.
- Masses of Rich Suds.
- Full 10 oz. Packet—8½d.
- Washes everything, including silks, woollens and nylons.
- Ideal for washing up, and the big wash.
- Vivid new advertising in the Press, and on Buses and Trams. Appealing to 10,000,000 Housewives.
- Free Display Material and Window Displays, and Demonstrations.

Write for Generous Trade Terms

Brobat Manufacturing Co. Ltd.
Wandle Bank, Wimbledon, S.W.19

PROLONGED PENICILLIN LEVELS

Avloprocil' provides a most eliable and convenient means of administering penicillin. A single injection produces a therapeutic blood level of penicillin for periods of 36/48 hours or longer, so that one daily dose is adequate for effective treatment.

'Avloprocil' contains the Procaine salt of Crystalline Penicillin in a sterile oily suspension (300,000 units per c.c.) incorporating aluminium stearate.

Issued in 10 *c.c. vials. Single vials and boxes of* 5.

'Avloprocil'

TRADE MARK

From your wholesaler or, in case of difficulty, apply to your nearest I.C.I. Sales Office—London, Bristol, Birmingham, Manchester, Glasgow, Edinburgh, Belfast and Dublin.

IMPERIAL CHEMICAL (PHARMACEUTICALS) LIMITED
A subsidiary company of Imperial Chemical Industries Limited
WILMSLOW, MANCHESTER

ICI

Ph.396

SERVICE with SPEED

● All types and sizes of bottles supplied from stock

ersonal supervision of
l orders. Attention to detail.
ourteous and clean unloading.
ood discounts for prompt payment.

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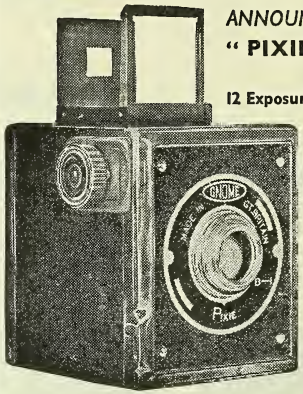

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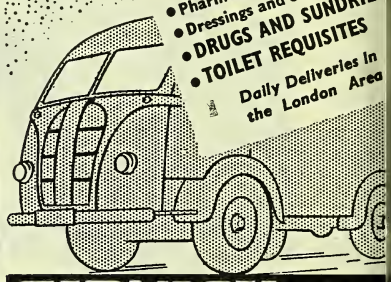

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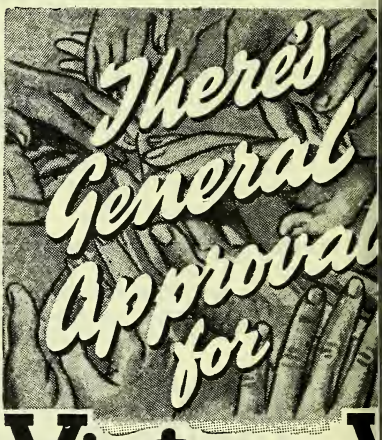

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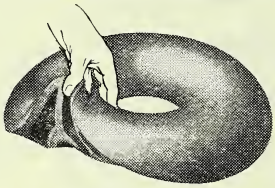

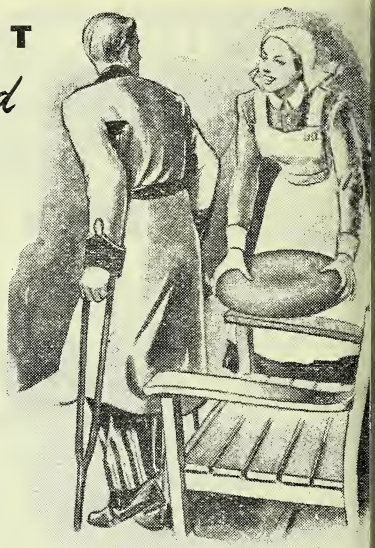

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"DILLY DUCKLING" CHILDRENS COUGH PASTILLES
Available in display cartons containing 1 dozen 1/4½ tins,
also in 2 lb. display jars and 3 lb. tins.

GLUCOSE BLACKCURRANT PASTILLES (ANTISEPTIC)
Available only in display cartons containing
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T.C.L. (Throat, Chest and Lung), FRIARS BALSAM

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of Silver Picrate
N.F., and Tablets
of Digoxin 0·25
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Aureomycin Hydrochloride

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AUREOMYCIN HYDROCHLORIDE *Lederle* gives promise of being one of the most versatile anti-biotics yet discovered. It is a potent antibiotic against many Gram-negative and Gram-positive organisms and against primary atypical pneumonia. AUREOMYCIN has been found useful in infections caused by penicillin-resistant Gram-positive cocci (especially staphylococci), and by coli-ærogenes bacteria. It is also highly specific against rickettsial infections.

AUREOMYCIN has been used successfully against infections that have become resistant to penicillin, streptomycin, or sulphonamides, and in patients who exhibit severe sensitivity to these latter drugs.

ADVANTAGES

Aureomycin exhibits the following advantages :—Essentially non-toxic (excepting allergy) . . . Unlikely to produce fastness in pathogenic organisms . . . Effective against many organisms previously insusceptible to chemo-therapy . . . Available in oral . . . and topical ophthalmic dosage forms.

CAPSULES : Vials of 16 capsules each containing 250 mg.
OPHTHALMIC : Vials of 25 mg. with dropper assembly : solution prepared by adding 5 cc. of distilled water

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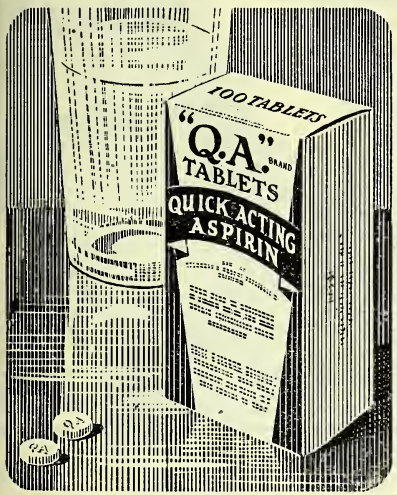
A LINE WITH A GROWING REPUTATION AND AN INCREASING DEMAND



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BRAND

Quick Acting Aspirin Tablets

Q.A. brand QUICK ACTING Aspirin Tablets are made so that they disintegrate immediately they are swallowed and consequently begin to take effect at once.

Sold to Chemists only, with a modern style pack and display carton.

They can be recommended with confidence, and repeat sales are the general rule.

Q.A. brand QUICK ACTING Aspirin Tablets show a very substantial profit margin, and attractive display material is available.

Retail Prices:
25 tablets **10d** *and 100 tablets* **1/11d** *including tax.*

SOLE MAKERS:—

THOMPSON & CAPPER WHOLESALE LTD.

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WITH *LUSTRSET!*

On your shelf, on your counter or in your window, the sparkling Lustrset display will bring *you* bigger sales and bigger profits! Already, National advertising is creating a widespread demand for this fresh, easy-to-use cream that gives lasting setting after shampooing and keeps hair firm and glossy without trace of dandruff.

If you are not yet stocking Lustrset, send for full details now. It's one of the Camilatone range of fast-selling, sure-selling hair beauty lines.

The striking counter display box will set 'Lustrset' on sight

CAMILATONE

CAMILATONE LTD

EDGWARE RD. · WELSH HARP · LONDON · N.W.9

EVERY WOMAN

sooner or later is troubled with

HAIR ON THE FACE

An intensive advertising scheme is telling them how to remove it safely and easily with

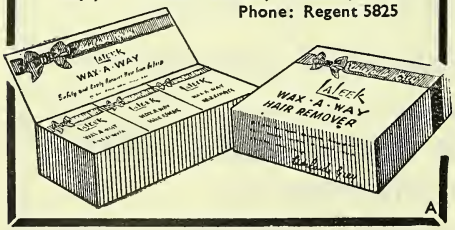
ADELAIDE GREY'S 'LALEEK'

WAX-A-WAY

Recommended by Medical Profession. No unpleasant odour. A best seller among Cosmetics. Retails at 7/9. Usual trade discounts. Supplied in display cartons of ½ dozen.

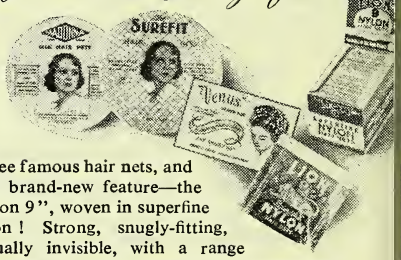
Order through your Wholesaler. If any difficulty, write direct to:

ADELAIDE GREY LTD
30(c) Old Bond Street, London, W.1
Phone: Regent 5825



A

Nets to catch my lady's fancy



Three famous hair nets, and one brand-new feature—the "Lion 9", woven in superfine nylon! Strong, snugly-fitting, virtually invisible, with a range to match all shades, these Shaw nets suit every hair style—and every occasion too! Now more popular than ever, they are available in unlimited quantities, attractively carded or in full-colour envelopes.

Makers of 'Madonna', 'Surefit', 'Venus', 'Lion' 'Uneeda', 'Radio', Nets.

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HOUSEHOLD INSECTICIDE SPRAY AND DUSTING POWDER

SPRAY: A combination of "D.D.T." with its killing power of prolonged duration and Pyrethrum with its immediate action, in Hydrocarbon Oils.

10 oz. bottles :
1 doz. **18/-** . . 3 doz. **17/9** . . 6 doz. and over **17/6**
1 Gallon (free tins) **16/6** each net 3 doz. **16/-** each
6 doz. **15/6** each

DUSTING POWDER: A "D.D.T." Preparation for household and horticultural use. Packed in Sprinkler Containers.

1/- size 4 oz. . . . 1 doz. **8/-** . . . 3 doz. **7/10**
6 doz. and over **7/8**

2/- size 12 ozs. . . . 1 doz. **14/6** . . . 3 doz. **14/3**
6 doz. and over **14/-**

Free from Purchase Tax.

POTTER & CLARKE LTD

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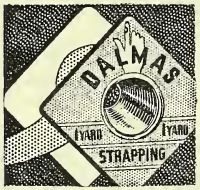
News from DALMAS of Leicester

New *waterproof* protection for cuts

A NEW-TYPE ADHESIVE STRAPPING

Waterproof . . . has 101 First-Aid uses

DALMAS STRAPPING, a new *waterproof* plastic adhesive with 101 first-aid and other uses, is now in widespread demand everywhere. Because of this, supplies have been greatly increased.



These spools are handy

Dalmas Strapping can be cut to any size, gives 100% protection against water, dirt, grease and acid. That's why it's specially suitable for tiny cuts, sore places, torn finger nails, etc. In particular, it is ideal wherever the fixing of a bandage would be awkward. Dalmas Strapping stretches *all* ways, so edges stick tight while allowing free movement of joints and muscles. Attractive counter sell-outs contain twelve 1/- spools, each 1 inch by 1 yard, price 8/-, or 24 spools, price 16/-. Also in 3-yard lengths, and in 2 inch and 3 inch widths.

DALMAS HEEL DRESSINGS. A new *waterproof* dressing that is specially designed for sore and blistered heels. Handy boxes, price 1/- retail.

DALMAS FINGER-TIP DRESSINGS. A new *waterproof* adhesive protection for cracked, cut or sore finger-tips. Handy boxes, 8/- per dozen, to retail at 1/- each.

DALMAS BOIL PLASTERS. A new *waterproof* protective dressing for boils. Skin-coloured, hardly shows. Handy boxes, price 10d. retail, including tax.

Heavy demand for Dalmas First-Aid Dressings

TO meet the nation-wide demand, we ha further increased supplies of Dalm the *waterproof* plastic dressing that offers totally new method of protecting cuts a minor wounds.

Dalmas gives 100% protection agai water, dirt, grease and acid. So you ne only cover the affected place and . . . further trouble! You can actually *wa with it on.*

Display this box on y counter

Dalmas stretches *all* ways (not just one way). That's why edges stick tight, cannot fray, cannot catch in clothes. What's more, Dalmas lessens infection risk, promotes safe and easy healing.

Dalmas is skin-coloured, hardly show In attractive blue-and-white counter se outs, containing three dozen 1/- boxes, pri 8/- per dozen. Special quantity discoun PLACE YOUR ORDER NOW!

A. de St. Dalmas & Co. Ltd.

LEICESTER (Phone: Leicester 65261)

***London Depot:* 140-142 St. John St., E.C (Clerkenwell 3399)**

***Leeds Depot:* 14 Neville Street (Leeds 29764)**

Scottish Agents:
Robert Telford, 29 Waterloo St., Glasgow, C (Central 2716)

SUGAR

is scarce . . .

. . . . but 'SAXIN' is now available to all!

' Saxin ' may now be sold without prescription. Ample supplies are available. While the sugar shortage continues you can make life sweeter for *all* your customers by recommending this excellent alternative. ' Saxin ' is the next-best sweetener to sugar. It dissolves quickly and completely, leaves no bitter after-taste. Each product is equal to a large lump of sugar in sweetening power.

Put ' Saxin ' on display today. An informative new showcard has been prepared to tell the ' Saxin ' story to your customers. In bottles of 100 and 200, retailing at 1/6 and 2/9.

'TABLOID' BRAND

'SAXIN' TRADE MARK

. . . the next-best sweetener to sugar

BURROUGHS WELLCOME & CO. *(THE WELLCOME FOUNDATION LTD.)* LONDON

PRIVATE LABELS

Have you considered the advantages of Individual Packs ?

For instance —

- **REPEAT SALES CAN ONLY BE HAD FROM YOU.**
- **THE FORMULÆ OF GOODS CAN BE SELECTED TO MEET YOUR REQUIREMENTS.**
- **YOUR REPUTATION AND THE GOODWILL OF YOUR BUSINESS ARE ENHANCED.**

We can offer a wide range of Capsules, Medicated Pastilles, Lozenges, Tablets and Ointments, all of unquestionable quality, well packed with special labels designed to your requirements.

You may be sure that any goods we pack for you will be a credit to your pharmacy

Kindly send us your enquiries, or ask for our representative to call.

WARRICK Bros. Ltd.
4 to 10, NILE ST., LONDON, N.1.

The

CHEMIST AND DRUGGIST

for RETAILER—WHOLESALER—MANUFACTURER

OCTOBER 15, 1949

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le copies 1/- each. Annual subscription, which includes The Chemist and Druggist Diary and Year Book, 30/-

No. 3634 Volume CLII

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NEWS OF THE WEEK

Check on N.H.S. Patients.—Clerks to cutive Councils have been requested to d returns of the numbers of persons on tors' lists on October 1.

tandard for Steam-jacketed Pans.—The tish Standards Institution has issued a ised British Standard for cast-iron and melled cast-iron steam-jacketed pans for chemical and allied industries (B.S. : 1949).

Executive Councils' Resolutions.—Five olutions concerning the pharmaceutical vice are on the agenda of the second ual meeting of the Executive Councils' ociation (England), to be held at rnemouth, October 21-22. One calls prescription pads issued in triplicate. second urges the Minister of Health to e immediate steps to price prescriptions full. Others call upon the Minister to w chemists in one- and two-shop areas operate the full rota of one hour in- d of the present half-hour; and to vide that Executive Councils and the fessions are notified of administrative changes before the information is released to the Press.

Imports of Pitocin.—The Minister of Health has given in a letter to Mr. Victor Collins, O.B.E., M.P., a statement of the supply position of Pitocin and oxytocin. Pitocin, he states, is the proprietary name of an American preparation similar to injection of oxytocin, B.P., and imported in bulk from the United States for compounding in this country. Supplies have not been affected by shortage of dollar exchange, and no application for a licence to import the bulk material has been refused. A recent interruption in the flow of supplies was due solely to damage to a consignment during transit, but further supplies which are understood to have been received from America will shortly be available for distribution. It is possible that one British manufacturer will be marketing injection of oxytocin, B.P., later in the current year.

Multilateral Tariff Agreement.—Ten more countries have applied to accede to the General Agreement on Tariffs and

Trade (*C. & D.*, 1947.II.688), as a result of negotiations at Annecy, France, which concluded in August. They are Denmark, Dominican Republic, Finland, Greece, Haiti, Italy, Liberia, Nicaragua, Sweden and Uruguay. The tariff schedule of each country records the concessions which it undertakes, as a multilateral contractual obligation under the terms of the Geneva General Agreement and of the Annecy Protocol of Terms of Accession, to grant in respect of rates of duty and margins of preference. Margins of preference guaranteed to Commonwealth countries in existing trade agreements are affected by only two United Kingdom reductions, one of these being for cod-liver oil. A White Paper (Cmd. 7792) dealing with the Annecy negotiations may be obtained from H.M. Stationery Office (price fourpence). The full tariff schedules annexed to the Annecy Protocol are not attached to that White Paper owing to their number and length, but copies are on sale at H.M. Stationery Office and, for the convenience of businessmen, reference copies have been distributed to the principal chambers of commerce and regional offices of the Federation of British Industries.

Wholesalers' Half-yearly Meeting.—The half-yearly general meeting of the Association of British Pharmaceutical Industry was held at Scarborough on October 6, Mr. R. L. Taylor presiding. He was supported by the vice-chairman (Mr. J. C. Hanbury), immediate past-chairman (Mr. C. A. O. Rideal) and treasurer (Mr. H. C. H. Graves). A number of amendments to the rules of the Association were passed for confirmation at a subsequent general meeting. They will effect changes in the structure and executive organisation of the Association, mainly to meet the requirements of exporting firms. On October 7 the Association's annual golf competitions were held at the Ganton course, when the Bowman cup was won for the third year in succession by Mr. N. M. Holmes. The Morson trophy was won by Mr. E. D. Nadin and the Victorian trophy by Mr. R. K. Allen (who followed up his success by holing-out in one during a private match the same afternoon). On behalf of the donors of the Victorian trophy (the wholesale druggists' section, Victorian Chamber of Manufacturers), Mr. J. R. Borland (Drug Houses of Australia Export, Ltd.)—who, with Mrs. Borland, was a guest of the Association at dinner—announced that the Australians desired to have the privilege of mounting the ball with wl the feat had been accomplished. The sc arrangements were in the hands of a c mittee consisting of Messrs. H. C. Graves, D. R. Mackie, L. J. Morson R. L. Taylor. Mr. Graham Adams assi in the entertainment.

LOCAL NEWS

Gift Schemes.—The Aberdeen Phar ceutical Association is launching a c paign to ban free gift schemes in c merce.

Yorkshire Fire.—A fire at the work M. Calthorpe & Co., Ltd., manufactu chemists, Ossett, Yorks, on September caused damage to the company's office

Chester Branch for Guild. — Hos pharmacists in the Chester and N Wales area formed a local branch of Guild of Public Pharmacists on Octob Mr. W. Saunders (Wrexham Emerg Hospital) was elected branch *Chair* and Mr. J. G. Roberts (City Hosp Chester) *Secretary* and *Treasurer*.

Edinburgh Chemists' Golf Club. — the final outing for the season held Duddingston course recently, the win were:—Cuxson, Gerrard prize, Mr Barron (12), 74; club prizes (No. 1 tion), Mr. J. B. McCaig (+1), 79; A. H. Gillies (6), 80; (No. 2 Section), J. J. Ferguson (18), 77; Mr. A. H. (11), 78.

N.H.S. in Merioneth.—The estim cost of the National Health Servic Merionethshire in 1951 was put £116,590 at a meeting of the Merio Health Executive Council at Dolgell September 22. The figure includec estimated £22,780 for pharmaceutical vices. 169,000 prescriptions had so been issued.

Scottish Health Services Exhibitio The Scottish Hospitals, Nursing and C plete Health Services Exhibition and ference was held in Edinburgh, Septe 29 to October 5. The exhibitors incl the Ministry of Supply, which illustr the use of radioactive iodine (prepare the Harwell atomic pile) in the diag of thyroid complaints.

Sheffield Chemists' Half-day.—She Trades and Labour Council on Septe 27 unanimously carried a resolution ing that the right of a chemist empl to take a weekly half-day holiday sh

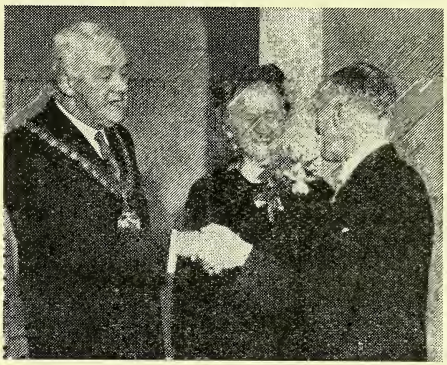
be interfered with by the Ministry of lth's ruling to give pharmaceutical ser- on early closing days, and pressed the me Office to hold a conference as soon possible.

Health Centres for Manchester. — A posal to build a health centre in Hulme unanimously adopted by the Manches- and Salford Trades Council at a recent ting. It is planned to build the centre he corner of Prubden Street and Carey et to serve the 34,000 people who live in half a mile of the site. Building equipment are estimated at about ,000, and construction will take nine ths. A further centre is planned by the Corporation at Wythenshaw.

Aberdeen Branch Meeting. — At a ting of the Aberdeen Branch of the rmaceutical Society at Aberdeen on tember 27, Mr. H. N. Linstead, O.B.E., C., M.P., said that whether pharmacy ld continue to be provided to the pub- through the chemist's shop or through e dispensaries rested largely in the ds of the chemist. Scotland was more unate than England and Wales in that Secretary of State (instead of the local hority) retained control of the develop- t of health centres. It was the respon- lity of the pharmacist in an area where ealth centre was set up to see that he e a service that nobody could claim ld be supplemented by a public paid ice

Manchester Chemists' Golf.—The final ting of the season of the Manchester District Pharmaceutical Golfing So- y was held at Withington Golf Club ently when the captain's team defeated president's team. After dinner, Mr. W. Kemp (captain) presented the prizes during the season as follows:—Four- Stableford, Messrs. H. Oldham and A. Watson; captain's prize, H. Brindle, Wilkingon; Griffiths Hughes prize, E. Phillipson, J. W. Garside; Woolley hy, A. D. Macdonald, S. A. Watson; l trophy, H. Burlinson, E. MacIntosh; inson prizes, four-ball Stableford, H. vers and B. Anderson, F. C. Baines and Park; Kerfoot trophy, A. Domaine, C. lthouse; Hough Hoseason prize, T. Wil- ns, W. Gee. The B.D.H. trophy com- tion was won by Birmingham, and a mingham player won the Lilo cup. J. lor was elected captain for the 1950 son.

Hull Association's Reception.—Reference to the advance made by pharmacists during the forty-three years with which he had been connected with the profession was made by Mr. T. L. Harrison, the new president, when he welcomed guests at the annual presidential reception of Hull Chemists' Association and Branch recently. Recalling the days when there were "no such things as compulsory college training, half days or early closing," Mr. Harrison



MR. T. L. HARRISON, *the new president of the Hull Chemists' Association and Branch, with Mrs. Harrison, welcomes a guest at the reception.*

said that pharmacists were not even included in the original draft of the 1911 Health Act, in which it first appeared that dispensing was to be done by the friendly societies. Even when pharmacists were eventually included, a low value appeared to be placed on their services. Nevertheless, chemists continued to carry out their duties conscientiously, many a time without knowing what reward they would get, and often without any reward at all. They continued to perform an important service despite the lack of qualified and skilled labour.

Preston Association Debate.—The first meeting of the winter session of the Preston Pharmacists' Association held on October 4 was a debate on the motion "That representatives are not really necessary." Two local pharmacists supported the motion, and two representatives (one of an ethical house and one of a commercial house) opposed. For the motion it was said that all business done by representatives could be done by post, retailers keeping a file of such items as new prepara-

tions, prices and packings and that the time spent in seeing an average of twenty-four representatives per week involved a considerable financial loss at N.H.S. rates. Against the motion the argument was that if no representatives called, buying would be cut by as much as 70 per cent., with proportionately reduced turnover; that the loss to the retailer would be far greater that the value of increased N.H.S. work that might be carried out, and that the average cost of a representative to his firm was slight by comparison with the price of the commodity. The motion was defeated by a large majority.

Dinner to Conference Committee.—On October 5 the president of the Blackpool Branch of the Pharmaceutical Society (Mr. J. L. Dawson Cook) gave, with Mrs. Cook, a dinner to local members who had taken part in the work of organising the 1949 meeting of the British Pharmaceutical Conference. After musical items by Mr. Frank Brecknell, M.P.S., and others, Mr. F. J. Carter (vice-president and treasurer, Local Conference Committee) introduced Mrs. Carter (vice-chairman, Ladies' Committee) who presented to Mr. and Mrs. Dawson Cook a tray to match a tea service they had previously received from Conference members. Mr. Carter described Mr. Dawson Cook as undoubtedly the right man for the chairmanship of the Committee. He was "the senior of the juniors and the junior of the seniors," and the perfect choice to co-ordinate the work of both groups. Mr. Carter thanked Mr. and Mrs. Dawson Cook as host and hostess for their invitation, and said that all members of the local Committee would retain memories of friendships made during the Conference, not only in their own town, but with others from all over the country. The response was given by Mrs. Dawson Cook. Afterwards Mr. Dawson Cook read tributes to the teamwork of the local committee that he had received from Northern Ireland, Portsmouth and Harrow, from Mr. H. N. Linstead, Dr. G. R. Boyes, Miss Dobbie, Birkenhead, Mr. Gardiner, Glaxo Laboratories, Ltd., and the Editor of THE CHEMIST AND DRUGGIST. At the invitation of Mr. T. A. Durkin, the chairman of the several Committees—Messrs. J. Wylie Croker (reception), R. Stuttard (excursion), J. Shenton (transport), H. H. Moorhouse (sports)—made brief speeches, Mr. Moorhouse thanking his assistants, Messrs. Cowgill and Leadbeater. Mr. P. Varley (joint secretary), who proposed a toast to the Ladies' Committee, said he had receiv letters of thanks from Conference memb for the work of the stewards. The re on behalf of the ladies was given by M L. I. Anderson, who had acted as Pr liaison officer during the Conference, a whose work, said Mr. T. A. Durkin (M. had been much appreciated by the offici

IRISH NEWS

Irish Drug Association. — Mrs. R. Daly, the Medical Hall, Tyrrellspass, Westmeath, and Mr. Michael Nolan, St organ Pharmacy, Stillorgan, co. Dub have been elected members of the I Drug Association.

Shop Hours Inquiry.—The Ul Chemists' Association has given evide before a committee appointed by Northern Ireland Minister of Home Aff to inquire into and report upon w amendments of the law governing hours of trading and hours and conditi of work are practicable and expedient the present time.

Belfast Joint Meeting.—The Phar ceutical Society of Northern Ireland hold a joint meeting with Belfast and trict section of the Royal Institute Chemistry in the Society's building October 20, when Mr. A. L. Bachar M.A., London, will deliver a lecture "The Uses and Production of Labora Animals."

Wexford Federation Meeting. — A meeting of the County Wexford Fed tion of Pharmaceutical Chemists and D gists held recently at New Ross, Mr. A Thornton, who presided, urged that time had come to decide upon a polic be followed in dealing with firms that, ing introduced their products origin through chemists, were now selling t broadcast to non-chemist traders. W holding orders would be one way of sh ing objection to such a practice. A r lution was unanimously adopted calling the Irish Drug Association to have existing dispensing fee of sixpence incre to 1s. 6d. When the question of whe the I.D.A. should issue one or two p lists was under consideration, Mr. B. Smith (I.D.A. secretary) pointed out the reduction of the drugs and chem section would save money and allow pages to be utilised for the increasing n ber of ethical preparations now coming to the market.

TOPICAL REFLECTIONS

hortage of Scientists

The first editorial article on p. 409, and e reports mentioned in it, call attention the shortage of well-trained scientists in is country. The "recruiting campaign" r staff for the Government's atomic ergy establishments is another indication the same scarcity. Our universities are lly aware of the pressure of this prob- m. During the past few days the Vice- hancellors of the Universities of Oxford d Cambridge have been expressing their ncern at the difficulties caused by pack- g colleges to capacity. At Oxford last ar about 5,000 students took arts courses d 1,000 took science courses. The con- quences of so high a number being tered on the register are embarrassing. utors, some of whom are underpaid, can- t give the leisurely, objective considera- n traditionally available to each pupil; addition, it will be noticed that science udents number just one-sixth of the total. t Cambridge only about one applicant t of every twelve can be accepted: even ter this preliminary sifting, the problem lodging students is almost insolvable. ooms have had to be found for some of em which are inconveniently far from eir colleges; to make matters worse, veral Government departments have tablished branches in this overcrowded rough. It is estimated that more than 000 Civil servants are thus employed. rom news paragraphs I gather that other iversities in the country report similar essure on the space available, with the evitable consequence that mastery of the sentials of the subjects chosen is increas- gly difficult.

rious Effects

The effects on science and industry of is shortage are serious. We must accept fundamental the proposition that thing can take the place of qualified affs in investigating problems for purely ientific purposes. If we fail in that spect, we shall fall behind in the inter- tional competition for discovery. The aim of industry on trained scientific owledge is obvious: the problem is how strike a just balance between the need r "absolute" research and industrial aims. While "the increasing need of eedily applying, on a technical scale, new scoveries" is being studied, the correla- ve demand of every laboratory devoted to basic experiments must not be pushed aside. Occasional interchange of work between university teachers and directors of industrial laboratories is a development to be encouraged. At times a deadening sense of monotony overtakes the scientist and the industrialist: interest in work seems to fade. At such times a temporary change of function and surroundings can have a tonic effect. T. H. Huxley wrote in 1887: "If science has rendered the colossal development of modern industry possible, beyond a doubt industry has done no less for modern physics and chemistry, and for a great deal of modern biology . . . It has become obvious that the interests of science and of industry are identical." The misgivings about the future of his students attributed to Abernethy (p. 497), if indeed he intended it seriously, would be out of place in a similar lecture today, when there are more vacancies in scientific posts than first-rate people to fill them.

Thought for "the Public Weal"

Two Edgware pharmacists have provided material for thought in your Correspondence section (p.508). They write: ". . . The idea still obtains . . . that the retail pharmacist, because he supplements his professional remuneration by selling merchandise at a profit, is less solicituous for the public weal than his professional colleague who sells his services wholly for a salary." Ludicrous as this idea is, it is worth discussing. It arises, I presume, from a conception of the profit motive as a black iniquity, a conception dear to bemused theorists. In his address from the chair of the British Pharmaceutical Conference in 1920 the late Mr. C. A. Hill said: "The value of a pharmaceutical product is not to be measured by the prime cost of the ingredients plus a percentage for labour and establishment charges . . .the adequate handling of a drug before it reaches the public involves a number of operations requiring technical knowledge, training, skill, and ceaseless supervision." In a shop the consequences of any oversight can easily be more serious than those of a similar lapse in a hospital dispensary. The Food and Drugs Acts may be set in motion, and a technical offence may be magnified out of all resemblance to what it is. The pharmacist in business has every reason for studying the public welfare, even if he were not desirous of doing so. ***Xrayser***

NEW COMPANIES

West Malvern Pharmacy, Ltd. (P.C.)—Capital £3,000. To acquire the pharmaceutical business carried on by John C. Bisset and Jane I. K. Bisset. John C. Bisset and Jane I. K. Bisset, directors. R.O.: The National Provincial Bank Chambers, Church Street, Malvern.

Pola Manufacturing Co., Ltd. (P.C.)—Capital £7,500. To acquire the business of manufacturers of and dealers in detergents and other similar products carried on at 22A Green Lanes, London, S.E.20. Harold A. Tappin, Bertram E. Tappin, and Ethel Poole, directors.

Carr-tarling, Ltd. (P.C.)—Capital £100. To carry on the business of manufacturers of and dealers in glues, chemicals and drugs, etc. Frederick R. Carr and Anne Purbrook, directors. R.O.: 20 St. James's Walk, Clerkenwell Green, London, E.C.

Govanhill Pharmacy, Ltd. (P.C.).—Registered in Edinburgh. Capital £1,000. To carry on the business of consulting, analytical, manufacturing, pharmaceutical and general chemists, etc. Alexander H. Addison and Amelia C. Martin, directors. R.O.: 476 Cathcart Road, Glasgow, S.2.

Seaweed Products, Ltd. (P.C.).—Capital £1,000. To carry on the business of manufacturers of and dealers in seaweed and seaweed products, including medicines, pharmaceutical preparations, etc. John Toba, director. R.O.: 39 Woodberry Down, Manor House, London, N.4.

E. R. Squibb & Sons, Ltd. (P.C.)—Capital £125,000. To carry on the business of manufacturers of and dealers in drugs, chemicals, pharmaceutical, antibiotic, biological and medicinal products of all kinds; perfumes, essences, etc. First directors are to be appointed. R.O.: 17 Old Bond Street, London, W.1.

Company News

Sanitas Trust, Ltd.—An interim dividend is recommended of 2½ per cent., against 5 per cent. (on smaller capital) in 1948.

The British Drug Houses, Ltd.—Mr. H. Treves Brown, B.Sc., Ph.C., has been appointed to the board. He will continue to hold the position of secretary of the company.

Laporte Chemicals, Ltd.—Messrs. P. D. O'Brien and B. E. A. Vigers have been appointed assistant managing directors. Mr. W. J. Piggott has relinquished his appointment as secretary after holding the office for twenty-seven years, and is to be succeeded by Mr. H. E. Farmer.

Voluntary Liquidation.—C. Draper & Co., Ltd., manufacturing chemists, The Grove, Twyford, Berks. At a recent meeting of creditors a statement of affairs showed liabilities of £2,952. After allowing £86 for preferential claims, the net assets were £1,557, or a deficiency as regarded the creditors of £1,395. The company was registered in April 1948 with a nominal capital of £2,000, all of which had been issued, to take over an existing business. Mr. Davies, I.A., Fleet, Hants, and Mr. C. A. Mordant, C.A., Dominion Street, London, E.C., were appointed joint liquidators.

BUSINESS CHANGES

Mr. Alexander W. Ardagh, M.P.S., has opened a pharmacy at 74 East Laith Gate, Doncaster.

Scherk Ltd. have removed to 10[illegible] Cannon Street, London, E.C.4. (Telephone: Mansion House 3138).

Voss Instruments, Ltd., have removed to Faraday Court, High Street, Maldon, Essex (Telephone: Maldon 517).

Shell Chemicals, Ltd., have removed their northern divisional office to 42 Deansgate, Manchester, 3 (Telephone: Deansgate 6451).

Stafford Miller, Ltd., and the Wernet Dental Manufacturing Co. have removed to Mill Green, Hatfield, Herts (Telephone: Hatfield 3221).

Gibbs Manufacturing Co., Ltd., 12 Dartmouth Road, Paignton, S. Devon, have taken over the business of Harrison's Ltd., Reading, manufacturers of Harrison's pomade, hair-colour restorer, "hair growth," and rat poison.

LEGAL REPORT

Transaction in Saffron.—We regret that the report published under this title (*C. & D.*, October 8, p. 489) was misleading. The fine imposed on Biddle Sawyer & Co. Ltd., London was a purely nominal sum of £100 on a technical issue, and the evidence before the Court proved that the company, as such, made no profit on the transaction.

DEATHS

CARTER.—Recently, Mr. Thomas Carter, Eathersage, Derbys, managing director of Carter & Sons, Ltd., manufacturing chemists, Sheffield, aged seventy-four. Mr. Carter, son of the founder, built up the business to its present position.

DUFFY.—On October 5, Mr. Francis Patrick Duffy, L.P.S.I., Main Street, Kilshandra, co. Cavan, Eire. Mr. Duffy was registered on April 16, 1929.

LAURIE.—At Haslemere, on October 7, Mr. Arthur Pillans Laurie, D.Sc., LL.D., F.R.S.E., Hon. R.S.A., F.C.S., a former principal of the Heriot-Watt College, Edinburgh, aged eighty-seven.

PARKINSON.—On October 2, Mr. Charles Myers Parkinson, M.P.S., Castle Frome Rectory, near Ledbury, Herefords, formerly of Blackburn and Sheffield, aged seventy.

WILLS

MR. J. P. MILROY, M.P.S., 38 Boughton, Chester, left £2,774 (£737 net).

MR. S. NAYLOR, M.P.S., 62A Seaside Road, Eastbourne, Sussex, left £123.

MR. A. CROSSLEY, M.P.S., Brackley, 21 Windsor Road, Hazel Grove, Ches, left £3,375 (£2,525 net).

MR. H. DONALDSON, M.P.S., 116 Albert Road, Gourock, representative in Scotland for British Alkaloids, Ltd., left £3,296.

MR. W. H. HAWKER, M.P.S., 2 Broadway Road, Bishopston, Bristol, left £14,099 (£13,437 net).

MR. I. H. BELL, M.P.S., 1 Mill Street, and 39 Paton Street, Alloa, formerly of 9 Market Street, Church Gresley, Derbys, left £12,366.

MR. W. E. SHRIVE, M.P.S., 392 Staines Road, Twickenham, Middlesex, a life member of the Pharmaceutical Society, left £10,627 (£9,294 net).

MR. F. WOOLLEY, J.P., F.S.A.A., Quob Farm, West End, Southampton, chairman and managing director of Eucryl, Ltd., left £63,878 (£59,560 net).

MR. J. V. BAKER, M.P.S., Woodstock, Thundersley Grove, Thundersley, Essex manager for T. C. Mansell, Ltd., 177 Bricklewood Broadway, London, N.W.2), left £769 (£715 net).

MR. T. RAWLINS, M.P.S., 11 Leinster Road, Muswell Hill, London, N.W.6 (a partner in Williams & Peters, 165 Fortess Road, London, N.W.5), left £9,229 (£9,052 net).

MR. R. PEARS, 39 Caswell Road, Mumbles, Glam, formerly of Farnborough, Kent, chairman and managing director of Viscose Development Co., and of Sponcel, Ltd., left £48,893 (£42,826 net).

MR. H. M. L. LYNN, M.P.S., Townhill Pharmacy, Penygraig Square, Swansea, left £5,876 (£4,833 net). He directed that his business be converted into a private limited liability company.

MR. H. C. EDWARDS, M.P.S., Winstowe, Charles Road, St. Leonards-on-Sea, Sussex, in business at Queens Road, Old London Road, King's Road and Eversfield Place, Hastings, left £37,073 (£36,758 net). He made a bequest to the Benevolent Fund of the Pharmaceutical Society.

PERSONALITIES

DR. SELMAN A. WAKSMAN, discoverer of streptomycin, has been granted the 1949 research award of the American Pharmaceutical Manufacturers' Association.

MR. MAURICE E. MIDGLEY, M.P.S., Burley-in-Wharfedale, has been elected to the chairmanship of the Ilkley Council. Mr. Midgley acted as deputy chairman during the fatal illness of the previous chairman.

PROFESSOR R. T. ARNOLD (professor of chemistry at the University of Minnesota, U.S.A.) has been granted the American Chemical Society's award in pure chemistry for 1949. His research has been connected with the application of stereochemical considerations to the elucidation of reaction mechanisms and molecular structure. He has published some fifty papers. During the 1939-45 war he worked on the synthesis of anti-malarial compounds.

MR. THOMAS L. HARRISON, this year's president of Hull Chemists' Association and chairman of the local branch of the Pharmaceutical Society (see p. 517) has long been prominent in pharmaceutical circles in Hull. Educated at Hull Grammar School, he was apprenticed to the late Mr. Charles Morrow at Hornsea and qualified from Edinburgh in 1912. After retail experience in Birmingham and London, he joined his present firm, Lofthouse & Saltmer, Ltd., in 1913, and became a director in 1932. Mr. Harrison is deputy organist and a member of the choir at Lambert Street Methodist Church, Hull.

TRADE NOTES

Family Size Again.—W. T. Owbridge, Ltd., Hull, announce that a family size of Owbridge's lung tonic is again available.

New Product. — The Radiol Co., 78 Upper Richmond Road, London, S.W.15, have introduced Radian-B bath salts, which are being supplied on bonus terms of thirteen to the doz. until the end of the current year.

Agents in Dublin.—Ortho Pharmaceutical, Ltd., Lane End, High Wycombe, Bucks, announce the appointment of P. C. Cahill, Ltd., 16 Bachelor's Walk, Dublin, as distributors of Ortho therapeutic products in Eire.

Supplies Shortly.—The Lederle Laboratories Division of Cyanamid Products, Ltd., Lancaster Place, London, W.C.2, announce that supplies will be available within a few days of Artane trihexyphenidyl, a compound used in the treatment of Parkinson's disease.

Inhalant Capsules.—The Mentholatum Co., Ltd., Slough, Bucks, have introduced Mentholatum inhalant capsules, which they believe to be the first product of its kind. The capsules are an inhalant used by simply dissolving in boiling water and inhaling the vapour.

Dispensing Pack.—Burroughs Wellcome & Co., 183 Euston Road, London, N.W.1, announce that Tabloid brand cyclobarbitone is now available in a tax-free dispensing pack of 1,000 products, in addition to the previously issued containers of twenty-five, 100 and 500 bottles.

Orders in Rotation. — Owing to the heavy advance orders placed with their representatives, Cal-Ma-Vite Laboratories, Ltd., Horsham, Sussex, announce that a strict rotation system is being followed in sending out their catarrh pastille containing creosote, menthol, cinnamon and lemon.

Larger Premises Sought. — Messrs. Wyleys, Ltd., wholesale and manufacturing chemists, Coventry, state that, owing to increased business, their present works are no longer adequate, and they are seeking other premises in the Coventry area from which prompt and efficient service can be given to customers.

Discontinued. — Parke, Davis & Co., Staines Road, Hounslow, Middlesex, have discontinued issuing mercury with chalk tablets, 1 gr. (T.T.100); pepsin, P.D. & Co., tablets, 2 gr. (S.C.T.238); and sciatica tablets (T.T.681). A reduced price in operation for Chloromycetin capsule 0.25 gm., in bottles of twelve.

Tax-free and on Bonus Terms.—Since September 1, Benzedrine inhalers, marketed by Menley & James, Ltd., 123 Colnharbour Lane, London, S.E.5, have been exempt from purchase tax. On all orders for one or more boxes of 1 doz. placed before November 30, twelve inhalers are being supplied for the price of eleven.

Prices Omitted from Advertisement.—An announcement by Paragon, Ltd., 15 Regent Street, London, W.1, in the October 1 issue of THE CHEMIST AND DRUGGIST made no mention of price in the copy submitted. The manufacturers ask chemists to note that Paragon bath pearls are priced at 5s. 11d. (large size), and 3s. including purchase tax.

Sulphonamide Suspension. — Sharp & Dohme, Ltd., West Hill Laboratories, Hoddesdon, Herts, announce the introduction of Cremothalidine, a 20 per cent. suspension of phthalylsulphathiazole, N. Cremothalidine is a pleasantly-flavoured preparation issued in 4-oz. and 8-oz. bottles, tax-free. Special dosage cards for Cremothalidine and other sulphonamide suspensions are available.

"Glamour" Packs for Sponges. — Cresswell Bros. Sponges (a subsidiary of International Sponge Importers, Ltd.), International House, Buck Street, Camden Town, London, N.W.1, have issued a folder illustrating many decorative packs including "window" and other fancy-paper covered boxes in which their sponges are now available. Messrs. Cresswell also issue new non-tearable spongebags in a variety of colours.

Change of Product Name. — Hewlett Pharmaceuticals, Ltd., Welwyn Garden City, Herts, announce that the title Paramisan sodium, which has been registered in overseas countries for the compound presentation of the sodium salt of *p*-aminosalicylic acid, has been adopted as standard in both home and overseas markets. Owing to registration difficulties overseas it was not possible to register the title Paramisal, under which the compound brand of p.a.s. was originally known in Britain.

Prices Reduced.—THE BRITISH DRUG OUSES, LTD., Graham Street, City Road, ondon, N.1, announce price reductions in adiostol tablets (50,000 international nits) in bottles of fifty and 500; and pel- ts (3,000 i.u.) in bottles of fifty, 500 and 000.—ROCHE PRODUCTS LTD., Broadwater oad, Welwyn Garden City, Herts, state at they reduced the trade prices on ctober 1 and are reducing the retail rices on November 1 of Liquemin and heparin solution, which is issued by e company in 5-c.c. vials containing 000 or 5,000 units per c.c.

Fire Damage.—A severe fire at the orks of E. Sallis, Ltd., Vernon Works, asford, Nottingham, on October 5, caused rious damage to factory and offices. As actically the whole production was for pliances to be supplied under the ational Health Service, the temporary loss production will be keenly felt throughut the trade. Temporary premises have en obtained adjoining the old works, nd the company are hopeful of resuming roduction in a comparatively short time, ut practically all records were destroyed. hanks are expressed to trade friends who ave offered help.

Beauty Clinic Without Cosmetics.—o cosmetics (as currently understood) are be used at the newly opened *Institut sthetique* established by Mayfair Beauty herapies, Ltd., at 14 Berkeley Street, Lon- on, W.1, where facilities have been pro- ded for physiotherapy and serum treat- ents, foam baths, face rejuvenation, etc., nder the direction of Mr. H. L. Lewin nd Mr. Desiré Piette (holder of a French gree in pharmaceutical chemistry). Dr. ette, who is also a director of Adafeld, td., is proposing to market shortly rough chemists a series of serum-contain- g creams for home use in developing, rectifying" or reducing the bust.

Tax Decisions and a New Product.—he Crookes Laboratories, Ltd., Park oyal, London, N.W.10, announce that the llowing products of the company have gain become liable to purchase tax owing the reversal of a previous decision by e Customs and Excise authorities: Col- tone and Collotone (veterinary); Collosol rro-manganese and ferro-manganese with senic; Crookes' Lacto-calamine cream; eo-Ferrum; Crookes' scalp lotion, plain nd oily; Crookes' sodium sulphate; and Crookes' zinc cream. An appeal against the decisions in respect of Collotone and Neo-Ferrum is being made by the company, but for the present all the products named must be regarded as taxable. A revised list of dispensing packs obtainable purchase-tax-free has accordingly been issued. Messrs. Crookes also announce the introduction of Crookes' Lactalumina compound digestive and antacid tablets, issued in pocket-size cartons in boxes of twelve and in a dispensing pack of 500 tablets.

Proprietary Articles Trade Association

Additions to Protected List (Part 1).—*J. C. Eno, Ltd.*, Effalgen, 18s. doz., tax 33⅓ per cent., inclusive retail price 2s. 6d.; 33s. 9d. doz., tax 33⅓ per cent., i.r.p. 4s. 6d.

Eli Lilly & Co., Ltd., No. 1550, Amytal tablets, gr. ¾, 100's, 72s. doz., 9s.; No. 1462, gr. 1½, 100's, 100s. doz., 12s. 6d. (exempt).

Alterations to List (Part 1).—*J. L. Bragg, Ltd.*, increased prices, October 17, medicinal charcoal, B.P.C., biscuits, 18s. 2d. doz., 1s. 11d.; 33s. doz., 3s. 6d.; 61s. 4d. doz., 6s. 5d. (exempt).

Additions to List (Part 2).—*County Perfumery Co., Ltd.*, new packs, Brylcreem, jar, A477, 9s. 4d. doz., tax 100 per cent., i.r.p. 1s. 11½d.; A478, 16s. 9d. doz., tax 100 per cent., i.r.p. 3s. 6d.

Alterations to List (Part 2).—*Osborne, Bauer & Cheeseman, Ltd.* (Agents, *Sangers, Ltd.*), reduced prices to trade, October 1; to public, November 1: Glymiel jelly, tube, 6s. 10d. doz., tax 100 per cent., i.r.p. 1s. 4d.; 12s. doz., tax 100 per cent., i.r.p. 2s. 4d. Bonus of 13 to doz. on window-display parcels.

A PHARMACIST'S ANTHOLOGY

"SURAG acid!" said the chemist, contemptuously, "don't know it; I'm ignorant of it! But perhaps you want oxalic acid. It is oxalic acid, isn't it?" Binet explained that he wanted a corrosive to make himself some copper-water with which to remove rust from his hunting things . . . "And give me half an ounce of resin and turpentine, four ounces of yellow wax, and three half-ounces of animal charcoal, if you please, to clean the polished leather of my togs."—*From "Madame Bovary," by Gustave Flaubert.*

MINISTER REVIEWS FIRST YEAR OF N.H.S.

MUCH of the information necessarily left incomplete when the *C. & D.* reviewed in July the first year's working of the National Health Service was provided by the Minister of Health (Mr. Aneurin Bevan) when he gave a statistical summary of the position in England and Wales to members of the Press on October 6, and afterwards answered numerous questions. Among the figures he gave were the following:—

Executive Councils	138
General practitioners within the Service (out of some 21,000)	18-19,000
Chemists within the Service, (practically all)	14,000
Prescriptions dispensed in first year	187 millions
Estimated percentages of various classes of medicines prescribed and supplied—	
Mixtures	40 per cent.
Tablets, pills, etc.	20 per cent.
Ointments	5 per cent.
Proprietary preparations	12 per cent.
Appliances (bandages, dressings, etc.)	7 per cent.
Miscellaneous (lotions, gargles, etc.)	16 per cent.
Average cost per prescription	2s. 9d.
Doctors helped by fixed basic payments of £300	2,000
Doctors receiving special payments (in addition to the figures quoted, other claims are under review):—	
Inducement to practice in unpopular areas, etc	57
For training assistants	374
Health Centres:	
(1) Existing clinics taken over	24
(2) New centres starting or under consideration	10
Appliances through hospitals	206,878
Artificial limbs	8,359
Artificial eyes	7,226
Wigs	5,071
Surgical boots	21,345
Hearing aids	28,000
Proposals for removal of chemist-contractors from lists, 1; fines, etc., 2; warning letters, 8; no action, 5.	

Inauspicious Start

MR. BEVAN said that the Nationa Health Service had started in an atmo sphere of "friction, doubt, controversy and great hopes." In the first year a vas amount of silent good work had been done Most of the shortcomings were not intrin sic defects, but a result of the overwhelm ing need that had existed.

About 95 per cent. of the populatio as shown by Executive Council return had joined the Service. It was assume by many that the total cost of the Nation Health Service was an indication of th additional burden the Government had pu on the community, but that was not th case. It was a gigantic turnover from th private to the public purse.

Appeal Against Overprescribing

A Service of that kind was open abuse, both by those giving and those r ceiving it. "When charges of abuse a made, it must always be recognised th the charges made are not against the a ministration, but against some profession person who may have succumbed to in portunities of patients." He appealed doctors not to overprescribe. Overprescri ing had occurred, not in the ordinary fie but "in ordinary things like aspirins ar cotton wool."

It had been suggested that one defe of the Service was that patients came fro abroad for the specific purpose of taki advantage of it. The immigration office had been instructed to prevent that. far as ordinary visitors were concerned, was administratively expensive to disti guish them from the resident populatio Even if they were eliminated, the theore cal saving, ignoring administrative cos would be only of the order of £200,0 yearly. A "sampling" of visitors to th country had shown the majority to American or Canadian.

A suggestion made by a questioner th additional taxation might be introduc to cover the increased cost of the heal services over the estimates drew from t Minister the retort "The possibilities taxation are infinite." He was emphat however, that if, by "health tax," w meant any payment by the patient at t time of his treatment, the Government h set its face against any such proposal.

Despite a Trade Union Congress re lution urging the establishment of r

health centres as speedily as possible, health centres must "take their place in the queue" for building materials.

The increased cost of the health services over the original estimates was largely accounted for by wages and salaries which, in the hospital services, for example, amounted to 60 per cent. of the total cost.

Economies Effected and Sought

The economies the Department had been called upon to make "within the framework of the general economies" called for by the Prime Minister were "such cuts as may be made without affecting basic policy." It was hoped to secure substantial economies on the supply side of the Service, in ways such as the central ordering of appliances, etc., whereby considerable economies had already been effected. The Minister mentioned that at one time streptomycin, an expensive drug, had had to be imported, but Britain was now producing not only enough for its own requirements but a surplus for export. A committee had also been formed under the presidency of Sir Henry Cohen to draw up a list of drugs from which a general practitioner should prescribe and outside which he should not go.

Mr. Bevan opposed disciplinary action being taken against patients. He felt that the problem of excessive demands was a minor one that it would be possible to deal with by educational methods not requiring the setting up of a whole disciplinary machinery. His objection to token payments for patients at the time of treatment (and they would require an alteration of the Statute) was that if the amount of the payment were to be a deterrent it would have to be more than nominal and might become a hardship to some members of the community.

Payments to Chemists

Asked what were the prospects of chemists' accounts being paid in full and promptly, Mr. Bevan said the Ministry was doing its utmost to expedite payments. He did not think that chemists were at the present time "irritated" on the subject.

The view of the Government on the question of supplying medicines free to private patients of medical practitioners was that the supply of drugs could not be separated from the general practitioner service. Once any such policy were instituted there would be no disciplinary control of general practitioners' services.

Mr. Bevan was questioned whether the National Health Service would tend to advance or retard research in medical science. His view was that under N.H.S. a valuable mass of data would be accumulated that could form the basis of research not otherwise possible. Work was already being done on standardising the nomenclature of diseases. An example of what might be done was to be found in rheumatism. When the incidence of rheumatism was fully known, medical research should be able to take great strides forward.

International Arrangements

The possibility of international agreements on the provision of health services was being explored at conferences of the "Brussels" powers, and it was hoped that reciprocal arrangements would be arrived, at, though the Minister warned against expecting too much at the start. Any such arrangement would, however, have the effect of reducing the sum spent on provision of health services for foreign visitors to this country, to which some people appeared to take great exception.

Executive Council Figures

The following additional details are taken from the report of the management committee of the Executive Councils Association (England) for the first full year of N.H.S.:—

Persons on doctors' lists ...	39,260,004
Pharmacies	11,901
Drug stores	147
Suppliers of surgical appliances	1,126
Payments for pharmaceutical services	£21,038,095

Position in Scotland

The figures given by Mr. Bevan relate to England and Wales only. Figures relating to the Scottish position are given below:—

Percentage of persons on doctors' lists	96.6 per cent.
General practitioners within the Service	2,394
Chemists within the Service (about 98 per cent)	1,749
Prescriptions dispensed in first year (estimated)	14,950,000
Doctors helped by fixed basic payments of £300	145
Doctors receiving special payments	30
Appliances through hospitals	25,000

THE MINISTRY AND THE PROFESSION

Dr. H. Davis on Ministry of Health machinery for dealing with pharmaceutical problems

ADDRESSING a meeting of the Wembley Chemists' Association on "The Pharmaceutical Service in the National Health Service" on September 26, DR. H. DAVIS (chief pharmacist, Ministry of Health) said five divisions in the Ministry were closely associated with the pharmaceutical service. Division 3 was concerned with general practitioner problems such as the pricing of prescriptions; Division 4 dealt with the administration of the pharmaceutical service within hospitals; Division 5 was concerned with local authorities and dealt, for example, with health-centre problems; and the Supplies Division (formerly Directorate of Medical Supplies, Ministry of Supply), was concerned with the production and importation of drugs, finished pharmaceuticals, etc. The Supplies Division was ready to receive letters from pharmacists reporting shortages, and it had, in fact, received many reports about shortages of hypodermic needles and crêpe bandages. Division 9 was concerned with Whitley Council discussions, and therefore would be involved in future in all discussions on remuneration, "oncost," etc.

Prescribed Proprietaries

Two committees of importance to pharmacists had been set up by the Ministry jointly with the Standing Pharmaceutical and Medical Advisory Committees. One was concerned with the classification of borderline drugs into "drugs," "foods," "cosmetics," etc. The results would be published shortly, and would, he thought, be useful to doctors who often did not know the composition of proprietary foods. The other committee had been appointed to look into the question whether certain drugs ought or ought not to be ordered on E.C.10 forms. That involved examination of the whole field of proprietary prescribing. The Ministry had a duty to the taxpayer to ensure that there was no prescribing of substances whose cost bore no relation to their intrinsic value.

Although the prescribing of proprietaries in Britain was less than in most countries (in at least one country it was 80 per cent. of the total), it had increased from 5 per cent. in N.H.I. days to 12 per cent. today (on the present total of more than 180 million prescriptions annually). Not all pro prietary medicines were the subject o attack, and the findings of the two com mittees would be highly controversial.

Many pharmacists thought that the tes ing of N.H.S. dispensing was invidious. D Davis pointed out that other professior were also tested, but asked how a test pre cription could be given secretly to a docto for his own dispensing.

Setting the test prescription was dor with considerable care in co-operation wit the Local Pharmaceutical Committee.

The Minister had not yet made ar complete plan of an N.H.S. health centr Certain local authorities had been advise by Pharmaceutical Committees against pr viding a pharmaceutical service in healt centres, yet there would be a considerab internal need of a pharmaceutical servic in large centres, where six to eight do tors, with dentists, ophthalmologists, ar others, would be working, even if no pre criptions were dispensed for attendir patients.

The problem of pharmaceutical ma power was for the profession to face, ar one question to be considered was wheth the best use was being made of qualifie men. In hospital pharmacy, for exampl there appeared to be a "halo" rour manufacturing, yet in the commerci manufacturing laboratory, the routine (b meticulous) preparation of ampoules, f example, was not done by pharmacist Within the hospital section, therefore, the seemed opportunities for a division labour.

The latest May figure for the avera cost of an N.H.S. prescription was ju under 34d.

Discussion

THE CHAIRMAN (Mr. E. C. Meredit then threw open the meeting for discussio

MR. T. C. THOMAS thought that the should be some "voluntary direction" pharmacists to under-serviced areas. H considered that introduction of technic assistants in dispensing would have t effect of reducing the salaries paid to pha macists. Different methods of test shou be applied to galenicals bought from manufacturer from those applied to mec

nes dispensed extemporaneously. Dr. Avis pointed out that the present system of testing N.H.S. prescriptions avoided the publicity that would result from testing galenicals, etc., according to the Food and Drugs Act as Mr. Thomas had suggested. Speaking on man-power in a personal capacity, he suggested that there might be instituted a simple qualifying test for dispensing assistants, to embrace dispensing and the reading of a prescription. Although he supported the present course of qualification for pharmacists, he would be opposed to any attempt to produce some 23,000 specialists in pharmacy. In any case, a large proportion of students entering universities were not equipped for taking an honours course.

Dr. W. Simpson said that when he had worked in the pharmaceutical department of a London hospital he had been amazed that pharmacists spent the first hour or so each morning dusting, and "putting lotio alk. co. powder into packets." Replying to points raised by Mr. T. B. Robinson, Dr. Davis said that, while the Ministry was aware of the chemists' warranty defence in cases of faulty dispensing, it could not impose a penalty on the manufacturer. Mr. E. Ratcliffe did not think that dilution would be followed by a reduction in pharmacists' salaries. In the future, pharmaceutical work would increase and rates of pay would rise. One pharmacist, he said, could supervise a number of trained technicians, and about three trained technicians would reduce a pharmacist's work by half.

Mr. T. B. Robinson pointed out that pharmacists had, in fact, been training technicians to help with dispensing for years, and that those trained should be recognised. Replying to Mr. Murray, Dr. Davis said that technicians in the dental service were already being considered.

GLASGOW MEETING AND DISCUSSION

At a meeting of the Glasgow and South-Western Scottish Branch of the Pharmaceutical Society held in Glasgow on September 28, an address on "The Relations of the Pharmacist to the State under the National Health Service," was given by Mr. H. N. Linstead, O.B.E., Ph.C., M.P. (secretary of the Society).

Mr. Linstead commented on the recent report of the Committee on Resale Price Maintenance. It had been suggested, he said, that price maintenance organisations like the Proprietary Articles Trade Association kept prices high and that they should discontinue their activities. Yet less than ten years previously a commission had decided that the P.A.T.A. was advisable and should continue. The P.A.T.A. might have been the means of encouraging the sale of proprietaries but he thought it undesirable that there should be any return to the chaos that older pharmacists would remember as having existed before it was formed.

Mr. Linstead visualised the health centre as a combination of six or eight doctors using one building, and said it was possible such centres might operate sooner than they had been led to believe. The Pharmaceutical Society had been asked by the Ministry of Health to give its views on the technical necessity of a pharmacy department in such centres, and had expressed the opinion that if the centre was simply a communal consulting place it would be in industrial areas and local pharmacists could meet any pharmaceutical requirements. The Ministry had said that in such centres E.C.10 prescriptions would be issued to patients to enable them to go to pharmacists of their own choice. If the centre were elaborate and provided for part-time services of specialists, an internal pharmaceutical service might be needed and visiting pharmacists could attend on a rota. When there came to be a "full-blooded" health centre with a full complement of specialists in attendance, there would be a properly equipped pharmaceutical department. It was estimated that the pharmaceutical service was now costing £20.8 millions per annum—three times the original estimate. It was unlikely that more money would be available for the pharmacist in increased fees and the speaker warned pharmacists not to expect too much from those negotiating on their behalf.

Recruitment Needs

There was no reason why pharmacy should not be a remunerative and satisfying career for those who entered it in the future. In hospital work there should be many openings. While in 1909 the profession had 400 students, in 1919 the figure became 4,000 ("the post-first-war rush") The estimate for 1949 was 500, and he thought 600 would be adequate to meet the need of the profession.

Mr. Stewart, Glasgow, suggested that students could not get into the Technical College classes in Glasgow and that, if the education committee could not provide facilities, the Branch should make representations. Professor J. P. Todd (professor of pharmacy Royal Technical College, Glasgow) thought the present position was more in keeping with Mr. Linstead's ideals than ever before. The state provided money and facilities for the training of pharmacists, but it had to do the same for other professions, and accommodation at the College was limited to sixty students each year. Half the allocation was devoted to people taking B.Sc. degrees in pharmacy, but they were turning out an adequate number to do the professional work. Mr. J. C. Gates asked if all entrants should take a B.Sc. degree, and Mr. Linstead replied that a B.Sc. standard would become essential. An annual intake of sixty should meet the wastage in Glasgow and district. Mr. Morrison, Glasgow, thought provision could be made for a holder of the chemist and druggist qualification to study for the Pharmaceutical Chemist qualification without having to give up his daily occupation, and Mr. Linstead said the Council of the Society had induced the Chelsea Polytechnic to commence an evening course of four years for the Ph.C., as an experiment. If successful, the example might be followed elsewhere.

Students Decide

Mr. R. McCrone, Coatbridge, asked why the London University, with which was incorporated the School of Pharmacy, was no longer catering for the statutory qualifications of the Society. If the action taken was the responsibility of the London University alone, he would have no complaint, but the School of Pharmacy still existed. Mr. Linstead replied that the matter had been decided by the students, and it had not been possible to run two courses.

Mr. Linstead told Mr. Campbell that it was in the power of a procurator fiscal to prosecute either the owner or the manager on a report from a Pharmaceutical Society inspector. Under the National Health Service only the proprietor could be prosecuted, and attempts were being made to put the Service into line with criminal law. Mr. F. B. Gray, Glasgow, hoped the number of entrants into pharmacy would be limited to avoid another glut as at the end of the first world war.

Dr. David McCall (resident secreta in Scotland), spoke about the arrangemer for payment of chemists. A great deal money, he said, was still owing to chemi in Scotland for October-December, 19 and the Department of Health had agre to make supplementary payments to t end of December. In reply to Mr. W. Robb, Paisley, Dr. McCall said that had not been possible for the prici bureau to complete the pricing for Ap prescriptions in full, and some areas h received only advance payments. T Edinburgh office of the pricing bureau w now operating and he hoped more prici bureaux would be opened in Scotland. M J. L. Sinclair, Greenock, complained tl chemists were asked to subsidise the Go ernment, and their reward was a prom to pay some time in the future.

Prizes Presented

During the evening the Chairm (Mr. S. Hughan) said that as the Brit Pharmaceutical Conference was to be h in Glasgow in 1950, it was proposed to members to contribute to a fund to ena the Branch to stage the event successful The proceeds of a whist drive held conjunction with the Glasgow Pharma Club on October 4 would go towards tl fund. Mr. Hughan presented prizes w by students of the Royal Technical C lege, Glasgow, as follows:—Kinninm prize, John Kemp; Taylor Memorial pri William Anderson, James Hutchison a Phyllis Sommerville; Evans (Liverpo prize, John L. Livingstone.

Mr. Sidney Home proposed a vote thanks to Mr. Linstead for his address, a Mr. W. Spence Culbert to Mr. Hugh

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Whale-liver Extract.—The possibility using whale liver for the preparation pharmaceutical liver extracts is sugges by Innes and Robson ("Lancet," Octo 9, p. 606), to whom whale liver seems least equally as potent hæmopoietically bovine. They treated nine cases of Ad sonian pernicious anæmia with a wha liver extract prepared by water extract and filtration. The preparation (wh was supplied by United Whalers, Ltd.) a brown viscous liquid. Each ounce derived from 25 oz. of liver. Compl hæmatological remissions were obtained three cases on daily doses as small as ¼ of the extract (equivalent to 200 gm. wh whale liver).

LUNCHEON TO MR. C. H. RATCLIFFE

MBERS of the Proprietary Association of at Britain and friends and associates of . Charles H. Ratcliffe met at a lun- on in his honour in London on October he Association's chairman (Mr. F. A. S. atkin) presiding.

MR. GWATKIN mentioned that among se present at the luncheon were Mr. gh N. Linstead ("who has the doubtful tune to be a Member of Parliament"), . G. A. Mallinson ("who in former rife' between the Association and the tional Pharmaceutical Union has often l the better of the Association"), Mr. E. Chapman ("facing serious difficul- s in the future"), Drs. Cox and Bignall nefarious practitioners") and Sir Frede- k Wells, who was giving up important ic duties in order to be present. Apolo- s were read from a number of absentees. In a tribute to Mr. Ratcliffe THE CHAIR- N recalled that in 1912, when a Royal mmission on Patent Medicines had been up, the chief witness had been Mr. tcliffe; he had been cross-questioned for ee days, and in the course of his cross- amination had answered 807 questions. at occasion was one of the first on which (Mr. Gwatkin) had come in contact with r. Ratcliffe, and it was at a time when w members of the trade were taking an erest in the industry as a whole. In 19 the Association of Manufacturers of itish Proprietaries, forerunner of the A.G.B., had been formed and Mr. Rat- ffe, one of the prime movers, had been pointed to its committee. In fact the lk of the work of negotiating on behalf the industry at the time had fallen upon m. On all occasions the Association had d the great advantage of Mr. Ratcliffe's vice, but during the past year he had dicated a desire to take a less active rt in the work. Still, if any question of ecial difficulty arose, he would be pre- red to attend meetings of the Executive ommittee if called upon.

Acknowledging the chairman's tribute, R. RATCLIFFE said that, after thirty ars' continuous association with the trade was, so far from being entitled to re- ive thanks for any small contribution he ad been able to make to its progress, im- ensely indebted to members for permit- ng him to "be right in" on trade mat- rs. Looking back, he considered he had enefited most from the contacts he had made, and from exchange of ideas. The effect had been "educative, broadening and, I trust, mellowing." Only a few of those present could remember the 1912 or 1919 days, and so the majority could hardly begin to realise what the Association had done for the industry. The "damning" report of the Select Committee in 1914 remained as a threat. Nothing had been done by legislation to implement the recommendations of the report, which the Association had been brought into being to combat, but today it no longer offered valid foundation for legislative action because the Association had "so cleaned up the situation."

MR. G. A. MALLINSON asked the indulgence of the meeting to pay a further tribute to Mr. Ratcliffe. In so doing, he spoke with feeling of the many years during which they had been associated, as representatives of the manufacturing and retail sides of the industry, and he stressed the desirability in the future of a greater measure of co-operation between them.

C. & D. DISPENSING PRICE LIST

THE following changes that occurred during September should be noted. The drug index for the month is 174.8.

Cost		Item	Dispensing price		
			4 oz	1 oz.	1 dr.
d.	per		s. d.	s. d.	s. d.
69	oz.	Argenti nitras ...	—	—	1 8
78	oz.	Argenti nitras indurat., 8's ...	—	—	1 10
87	oz.	Argenti proteinas mite	—	—	2 0
60	oz.	Barbitonum ℞ only ...	—	—	1 5
61	oz.	Barbitonum sodium ℞ only	—	—	1 5
234	lb.	Bismuthi carbonas	—	2 6	0 4½
207	lb.	Bismuthi salicylas	—	2 3	0 4
237	lb.	Bismuthi subgallas	—	2 6	0 4½
206	lb.	Bismuthi subnitras	—	2 2	0 4
65	oz.	Ext. ipecac. liquid.	—	—	1 7
26	oz.	Iodoformum ...	—	3 9	0 7
267	lb.	Iodum resub. ...	—	2 10	0 5
132	lb.	Lin. methyl. salicyl. co. ...	5 10	1 8	0 3
122	oz.	Menthol ...	—	—	2 11
228	lb.	Potass. iodid. ...	—	2 5	0 4
252	lb.	Sodii iodid. ...	—	2 8	0 5

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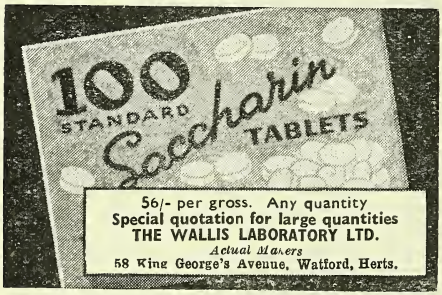

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OL. CLII OCTOBER 15, 1949 No. 3634

World Measures Against Plague

F the tropical diseases that challenge edical science, the plague has temporarily ken the centre of the stage, following a commendation by an expert committee on ague set up by the World Health Orisation that control measures should be itiated in 1950. The aim is ultimate adication of the disease.

Methods of control are first to be demonrated in India, where from 9,000 to ,000 deaths from the disease have been gistered annually and twelve million aths occurred in the years 1898-1935. orocco, Belgian Congo, China, the zores and Madagascar are likely to be e next countries on the list.

The last-named has been for long an tive reservoir of plague, with a total of o to 300 cases registered annually. In hina, in the years 1940-47, from 2,000 to ,000 persons annually were found to be fected. Remedial measures recommended the Committee include the simultaneous e of insecticides such as DDT and denticides such as sodium fluoro-acetate, th the objects of reducing the populaons of fleas, the vectors of the disease, d rats, which harbour them. Total conol of plague cannot be achieved, it is lmitted, without further research into the ld of therapeutics, but the promise own by streptomycin, at least in pneuonic plague, suggests that further investiation into the use of this and other antiotics could be profitably undertaken by anufacturers and others.

Recent Import Relaxations

In a statement in the House of Commons on July 7, the President of the Board of Trade described the considerations that had led the Government to take the initiative, within the Organisation for European Economic Co-operation, towards a general liberalisation of intra-European trade. He indicated the Government's intention to take the lead in removing licensing restrictions on imports into the United Kingdom from all countries to which the relaxations could be applied without involving loss of gold or dollars. The O.E.E.C. supported that initiative by calling on its members to relax their restrictions, both as a step towards the Organisation's long-term objective of getting rid of trade restrictions, and as a means of encouraging competition and increasing efficiency.

On September 29, the President announced the removal of import licensing restrictions on imports into the United Kingdom of a wide range of goods (see *C. & D.*, October 8, p. 496) from O.E.E.C. countries and from other areas. The relaxations took the form of the issue of open general licences, valid, with certain exceptions, from October 5. These will permit traders to import the goods concerned, without the need of an import licence, from any country other than the United States and Canada, the Philippines, the dollar account countries of Central and South America (Bolivia, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Haiti, Honduras, Mexico, Nicaragua, Panama, Venezuela), Argentina, Uruguay, Japan, Iran, Tangier, French Somali Coast, Liberia, the U.S.S.R., Roumania, Bulgaria, Hungary, Czechoslovakia, Poland, the Russian zone of Germany, Jugo-Slavia, Albania and, among the O.E.E.C. countries, Belgium and the Belgian Congo, Luxemburg, Switzerland and Western Germany. Under existing trade and payments arrangements, additional imports from Western Germany would, according to the Board of Trade, involve an immediate risk of having to make dollar payments to Western Germany. German goods are therefore excluded for the time being from the scope of

the open general licences. The Government hopes that it will be possible shortly to find a mutually satisfactory basis for a wide increase of freer trade between the two countries.

Debts in Tax Returns

It is important for a trader to know how sums due to him should be treated for tax purposes in his accounts. The question is specially important where credit is given, and the debt not settled in the year in which the goods have been sold or the money earned but later. What to do with a debt that ultimately turns out to be a bad debt is another question that arises.

The general rule in tax law is that, where goods are sold or services rendered, the sum earned by the trader is immediately to be regarded as a trade receipt for that particular year, irrespective of whether payment is postponed. Thus, if goods are sold on December 1, 1949, and the trader makes up his accounts to December 31 in each year, the price of the goods is entered as a trade receipt in his accounts for the year ending December 31, 1949. It makes no difference that the money is not received until 1950 or even until some later year. Where, however, credit is given, but the transaction is unusual, then it is not entered at its full face value in the accounts of the particular year unless the sum due to the trader is secured or carries interest. The risk that the amount due may not be paid must be allowed for. To do this, the debt is written down and entered in the accounts for the year at its written-down value. Taking the example quoted above, if goods were sold for £100, but payment of the price was deferred, the sum to be entered in the books on the credit side for the year 1949 might, having regard to the risk of not recovering the debt in full or in part, be not £100 but some lesser sum.

Where a sum has been entered in the accounts for the year in which it has been earned, but subsequently the debt proves bad or doubtful, the taxpayer is entitled to relief in respect of the full amount of the debt or some portion thereof. Thus (again taking the example quoted), if goods had been sold in 1949 for £10 and that figure had been entered in th accounts on the credit side in 1949, bu the debt was not paid in 1950 and prove to be either bad or doubtful, the trad would be entitled to debit his 195 accounts with £100 or some lesser amoun That relief, it should be noted, may b obtained in any year subsequent to th year in which the money was earned b the trader. Supposing, now, that reli had been given for a bad or doubtful del in that way, but that the debt was paid full in some subsequent year, what woul be the position? A recent case before th courts gives the answer. It was there he that the amount paid in such circumstanc in respect of the bad or doubtful de must be brought into the accounts as trade receipt for the year in which it w in fact paid.

A Grotesque Exaggeration

Under a headline "Housing Shortage H London Chemists' Services" across fi columns of the London "Evening News on October 7, a report with the sub-titl "Jobs Cannot be Filled" and "Impossib to get Qualified Men" appeared. The r port attributed its information to the Lo don Executive Council, which was stat to be carrying out a survey of the pha maceutical services in the County of Lo don. Such a survey is, in fact, being mad but in all other respects the report gives fantastically false impression of the pha maceutical services in London, and it hardly necessary to point out that the E ecutive Council itself was not the sour of the so-called information.

Such sensational journalism does mu to injure pharmacy, especially when ass ciated with such statements as that "t survey follows complaints . . . . about t inadequacy of chemists' shops in som areas, and the difficulties of getting pr criptions dispensed at late hours." If the have been any such complaints they ha not been put through to the proper qua ters, for those received by the Executi Council are certainly not serious enough substance or number to have prompted t survey instituted by the Council.

POISONS LAW, 1935-49

11. Labelling Provisions

ction 18 (I) (*c*) of the Pharmacy and oisons Act, 1933, prohibits the sale of any art I or Part II poison unless the coniner is labelled in prescribed manner with the name of the poison; (ii) the proporon of the poison or other prescribed dication of character; and (iv) the name the seller and the address of the premises which the poison was sold. The Poisons ules amplify these basic requirements in verse ways by Rules 17 to 22, and extend em (by Rule 5) to Section 20 sales other an export, and (by Rule 21 (3)) to ection 19 medicines. The onus of conrming with labelling conditions for a oisonous product sold over the counter ormally falls upon the manufacturer and etermination of essential particulars may ntail cognisance of specific provisions in e Poisons Schedules (5, 6, 7, 8 and 9). hese may be obvious "indications of haracter," as in the Seventh Schedule or e relatively obscure Rule 14 (2) (a) nking Part II poisons of the Fifth chedule with the labelling requirements pplicable to listed sellers set out in a ote appended to the Ninth Schedule. egulations made under the Dangerous rugs Act, 1920, and the Therapeutic ubstances Act, 1925 impose important dditional labelling requirements.

Name of the Poison

Rule 17 of 1935 required the name of he poison to be the term under which it s included in the Poisons List unless that hould describe a group of poisons, when .P. and B.P.C. names or synonyms could e used, or if unavailable, the accepted cientific name or name descriptive of the rue nature and origin of the poisons. The hortcomings of the rule were soon evident, nd it was redrafted in 1938 to allow reater latitude in use of B.P. and B.P.C. ames and to permit poisons of indefinite roups (such as nux vomica alkaloids) to e specified in terms of a single substance such as strychnine). Nevertheless the tatutory names for poisons have been in a ontinual state of flux, owing to the succesion of B.P. Addenda and B.P.C. Supplements providing proper names to replace unwieldy scientific nomenclature (e.g., ulphadiazine in place of 2-para-aminoenzenesulphonamido-pyrimidine).

The latest additions to the Poisons List ive simple names as alternatives to the lengthy statutory chemical designations. Examples are amidone, pethidine and tridione. Poisons Rule 17 of 1935 became No. 18 in the Poisons Rules, 1949, the renumbering adding to the complications resulting from continuous changes in labelling requirements. A further amendment allows the name published by the General Medical Council to be used as the "approved name of the poison." The object is to provide official names (such as sulphadimidine for Sulphamezathine) for proprietary poisons, which, as in the example given, have not necessarily been included in the current edition of the British Pharmacopœia.

Keeping Up to date

The difficulty of keeping up to date is evident in the adoption of phenadoxone as the proper name for Heptalgin without notifying the trade. Additions to, and deletions from, the 1948 B.P. affected nearly 200 poisons and some 500 statutory names. The fact is unfortunate when a change concerns such a popular medicine as Easton's syrup. No doubt Easton's syrup, B.P.C., will shortly be in order. However, publication of the 1949 Codex will almost certainly result in another spate of alterations. These are all important in ascertaining the new statutory names of official preparations, for use in accordance with (Rule 18(2) (*b*) (name of poison)) and (Rule 19(4) (proportion)). The latest tendency to make amendments by notice is decidedly confusing. Thus linctus diamorphinæ, B.P.C., applies from May 1 to a new formula instead of to that given in the 1934 Codex, as amended in the Second Supplement. The old linctus of diamorphine has been again amended and renamed linctus diamorphinæ et hyoscyami, B.P.C. (presumably pending the publication of both formulas in the 1949 Codex). In the meantime linctus diamorphinæ, B.P.C., 1934 (pre May 1) and linctus diamorphinæ, B.P.C., 1934 (post May 1) are different in composition and in name. The intention is presumably to provide an alternative to the obsolete N.(W.)F. linctus, but the formula is different. The prescribers of the 1947 N.(W.)F. preparation will have to write out the formula in full to comply with Dangerous Drug requirements. The adage "too many cooks . . ." is evidently applicable to the linctus and its nomenclature. The *C. & D.* Poisons Guide is unique in specifying the statutory names in

each entry in the Extended List of Poisons. Official titles are invaluable in simplifying labelling procedure, but the advantage is somewhat discounted by the difficulties of keeping up-to-date with changes that affect other aspects of poisons law.

Proportion of Poison

The linking of Rule 18 (name of poison) with Rule 19 (proportion) cause far-reaching effects from simple changes in title. Thus the proportion of strychnine hydrochloride will have to be stated on the label of Easton's syrup until this synonym for syr. ferr. phosph. c. quinin. et strych. regains statutory status in the B.P.C., 1949. The deletion of linctus diamorphinæ hydrochloridi from the 1949 National Formulary is in accord with the international recommendation to restrict the use of diamorphine to essential cases. The National Formulary Committee is of opinion that dosage of that drug should be considered in relation to the needs of the individual patient. Whilst the omission makes it necessary for the prescriber to write the N.F. formula in full, the addition of the letters B.P.C. after linct. diamorph. avoids this troublesome procedure and will no doubt be widely adopted. In the meantime, prescribing linct. diamorph. without such specification is improper, owing to the removal of the N.(W.)F. preparation from the Drug Tariff. The Sixth Schedule anticipated many of the difficulties attending statement of particulars as to the proportion of indefinite group poisons. Additions to the Sixth Schedule were few in number and relate to insulin, nux vomica and opium during 1938. The amendments to Poison Rule 19(3) and (4) bring the rule into line with the modifications to Rule 18(2), (3) and (4). The application of Rules 18 and 19 has been the subject of many discussions between manufacturers and the Pharmaceutical Society. In particular, references to foreign pharmacopœias have been banned, and the permission to state nux vomica alkaloids in terms of strychnine is an example of a modification made to overcome such problems as standardisation of nux vomica extract in terms of total alkaloids (as in the French Codex) as compared with strychnine content (in the B.P.). The Society has been tactful and helpful in overcoming labelling problems of this character in connection with foreign proprietaries. In general, the many detailed particulars relating to the proportion or percentage of poison have given li trouble owing to modifications in Rule being in the direction of standardisat of requirements.

Poison Rule 20 of 1949, concern "indication of the character of poison," almost identical in wording with Poi Rule 19 of 1935. This relates to made medicines and pre-packed poisons for mestic use, which are subject to "Caution" notices of the Seve Schedule. A warning applicable to a r class of agricultural and horticultural secticides and fungicides has been ad to the Schedule. The only alteration the Rule is in paragraph (2), to empha that the words of the warnings (i.e., said words *specified as aforesaid*) must be modified in meaning by the addition any other words or marks. (The wo in italics are new).

"Poisonous" Designation

Packers of poisons have exercised gi care in complying with these specific la ling provisions, no doubt being assisted the fact that the *C. & D.* Classes 11 to (16 being new) are based upon each ir vidual character prescribed by r Changes in Seventh Schedule status c ing 1948 concern allylisopropylurea moved from Sch. 7(1) to the Fou Schedule and the inclusion of beta-ami propylbenzene and its derivatives in S tion 1 of the Seventh Schedule. "Ot alkylated benzene diamines" were s jected in 1937 to the Sch. 7(4) notice regard to hair dyes. The new Sch. warning is in relation to Class 16 inse cides and fungicides (containing dini cresols or certain phosphorus compoun This reintroduces the designation "pois ous," which was omitted from poisons following repeal of Section 2 of the sons and Pharmacy Act, 1908. Appare this term is considered to have specific c nection with the "poisonous substar used exclusively in agriculture or horti ture for the destruction of insects, fu or bacteria" (Poisons and Pharmacy 1908).

Poison Rule 22 of 1949 is Poison R 21 of 1935 unchanged, thus confirm that the modifications made in the ap cation of Section 18(1) (*c*) of the Pois and Pharmacy Act, 1933, have been be ficial in facilitating compliance with name and address provisions of pois law. In particular, permission in paragr (3) to affix the name and address to outer cover of unscheduled poisons c

appear to be fraught with danger ite loss of the particulars on opening package. Incidentally, name and ad- s requirements apply to Section 19 pensed) medicines. Rule 22 may become ewhat complicated in connection with g-store premises registered under Sec- I(1) (*g*) of the Pharmacy and Medi- s Act, 1941.

er Labelling Provisions

'he supplementary provisions of the ons Rules and the various other Acts nd in effect to all classes of poisons. n export poisons are affected by the). regulations. Minimum requirements ly to Section 19 (dispensed) medicines. name and address requirement is in- ded in the said Section of the Act. In ition Poison Rule 21(1) (*b*) requires liquid medicine for external applica- within Section 19 to be labelled with words "For external use only." This ntended to be in direct contrast to the ot to be taken" applicable (under Rule 1) (*a*)) in the case of any liquid other n a medicine. The two notices appear be used indiscriminately in dispensing ctice. Poison Rule 17, requiring label- in a clear and conspicuous manner, ains unchanged. This is the most im- tant supplement to the labelling re- rements of Section 18(1) (*c*). Long nes in small type not infrequently pre- t difficulties in deciphering which are trary to the Rule. Overprinting or ching the label with batch number is ble to contravene the ruling against ob- ration or obliterations (Rule 17) and dification by marks (Rule 20(2)). The lettering or label of First Schedule sons (Rule 20(2) (*a*)) has proved helpful indicating the dangerous character of poisons. The additions "D.D." and .4," though not compulsory, are most ful as reminders of the special restric- ns applicable to such poisons. The D. regulations impose precise provisions to labelled particulars of amount and per- ntage of Dangerous Drug. Industrial isons are subjected to the relaxed pro- ions of Rule 5(2), which leaves the rding of the warning to the manufac- er but still requires the "Not to be ken" warning to be added to containers not more than 120 fl. oz. In addition, ch container, however large (even to car- y or tank) must carry the name and ad- ess of the supplier. Labelling condi- ns applicable to Part II poisons sold listed seller are linked with various other provisions of Rule 14 as amplified by the Fifth, Seventh and Ninth Schedules, and are such that they can only be fulfilled by the manufacturers. Finally, compressed hydrocyanic acid gas (Rule 21(2)), Eighth (transport) Schedule poisons (Rule 26) and hospital medicines (Rule 27(1)) are subject to special labelling provisions which remain unchanged.

WEST OF IRELAND CHEMISTS

West of Ireland Pharmaceutical Chemists' Association held a largely-attended meeting and dinner at Ballaghadereen, recently. The Irish Drug Association was represented by Mr. B. R. Smith (secretary). The attendance included chemists from Ballina, Westport, Tuam, Castlerea, Dunmore, Ballinamore, Swinford, Crossmolina, Boyle, Charleston, Castlebar, Headford and Newport. The following officers were elected for the year: *Chairman,* Mr. R. S. Kilgariff, Tuam; *Vice-chairman,* Mr. N. A. McKane, Ballina; *Joint Treasurers,* Miss M. Walsh, Swinford, and Mr. K. Bowman, Dunmore; *Joint Secretaries,* Messrs. J. O'Donnell, Charleston, and F. MacAnena, Ballaghadereen. A vote of thanks was passed to Mr. T. Stack, Westport (outgoing chairman). Discussion took place on the general organisation of the profession in the west, and it was agreed to appoint regional organisers in the different areas. Mr. V. Tully was appointed for Roscommon area, Mr. N. A. McKane for Sligo, Messrs. Bowman and Kilgariff for Galway, and Mr. M. Kiernan for Leitrim. Dissatisfaction was expressed at the restrictions imposed on the distribution of penicillin by pharmaceutical chemists, and the meeting considered that all penicillin for either medical or veterinary use should be made available exclusively through the local pharmaceutical chemists. The meeting considered the existing dispensing fee was too low, and Mr. Smith was asked to convey to the I.D.A. Executive the view that it should be increased. The meeting held that, in the public interest, no modified Registered Druggist examination should be held, and decided to send a recommendation to this effect to the Society. Objection was also taken to the proposal to give the title "dispensing chemist and druggist" to druggists who passed a modified examination, and the alternative "dispensing druggist" was suggested. A unanimous vote of thanks was passed to the I.D.A. for its valuable work for the profession during the year.

SOCIETY'S COUNCIL MEETS IN EDINBURGH

For the first time in its history, the Council of the Pharmaceutical Society of Great Britain met in Edinburgh on October 4 and 5—in the offices of the Society's Scottish Department. Mr. H. Clement Shaw (president) occupied the chair.

Brunswick Square Building

It was reported that the formalities connected with the transfer of the Brunswick Square property to the University of London had been completed, and that the property had passed to the University on September 15. As money contributed to the Premises Fund by members and others would not now be spent on the building for which it was collected, the Council decided to communicate with all contributors concerned regarding the disposal of the money they had given. In reply to a question whether or not the contributors would draw the money from the Premises Fund and put it into the Benevolent Fund, THE PRESIDENT (Mr. H. C. Shaw) said that the money belonged to the contributors. They could leave it in the Premises Fund, put it in the Benevolent Fund, or do whatever they wanted with it.

MR. W. S. HOWELLS said it was the feeling of the Committee that the contributors should have an opportunity of receiving their donations, and that every publicity should be given to the matter. It might be decided to send a personal letter to each, giving information. The Council agreed to that step being taken.

Scholarship Awards

MR. A. A. MELDRUM reported that the following research scholarships had been awarded: Pharmaceutical Society scholarship, 1949-51: Bernard Keate Martin, Marazion, Cornwall (he will engage in research in pharmaceutical chemistry at the University of Nottingham); Ransom Fellowship, 1949-51: Roy Arthur Webb, Woodford Green (research in pharmaceutical chemistry in the School of Pharmacy, London); and the Umney Memorial prize for 1949: Brian George Jelley, Lincoln.

It was reported that the Ministry of Labour "careers" leaflet on pharmacy was now out of print and that the Ministry had asked how it required to be amended in the light of changes in the examination regulations. The alterations were of a non-controversial nature, but it was felt by the Committee that the opport should be taken to amend a para headed "Opportunities for Employm and a suggested revised wording approved.

The Council approved a recommend of the Academic Board of the Sch Pharmacy, University of London, tha Greenish Memorial Scholarship shou awarded to Mr. Harold John Smith.

International Pharmaceutical Federa

It was decided to consider at a s quent meeting the report on propri medicines by the General Assembly c International Pharmaceutical Feder —referred to constituent national b for consideration and report. Sugge were made for provision in the progra of future Assemblies for national grou meet and discuss the policy to be ad towards items on the agenda and for t lations of reports and papers in the o languages of the Federation to be ava beforehand. It was agreed to for those suggestions to the Federation that a letter should be sent to the dent of the Federation and to the L Pharmaceutical Society, thanking ther the excellent arrangements made bot the meetings and for the entertainme the visitors.

Organisation Committee

The Organisation Committee, whos port was presented by MR. THOMAS recorded that the Committee had p on record its appreciation of the ser of those who had contributed pape the Branch Representatives' meeting. ters raised in the discussions there under consideration with a view to ta appropriate action. The Committee taken note of the views expressed or nature of the agenda, but thought those views could be explained partl the ground that the change in the arra ments for Branch Representatives' m ings brought about by the introdu of a second Branch Representatives' m ing annually had not been fully ur stood and that further explanation of change was needed. The Council dec to send a letter of appreciation to Local Conference Committee concer the arrangements made for the Br Pharmaceutical Conference.

olent Fund

ss M. A. Burr reported that the received for the fund to September as £40,605; expenditure, £22,288; ce, £18,317. Grants had been made e widows and one member from the olent Fund, and the Council ved recommendations to award s to a further six widows and two bers; they ranged from £9 to £104 2 months. The Council agreed to grants from the War Aid Fund to idow and two members.

nce Committee

r. W. S. Howells (treasurer) reporthat £186,000 in the Premises Fund ted investment. A report had been red from the Bank's brokers, but in view e uncertainty arising from the devaluaof the pound sterling, the president treasurer, to whom the Council had n authority in April to invest, decided efer investment for the time being. The dent and treasurer invited the Comee's views on how the money should distributed, and it was recommended the contributors to the Premises Fund ld be given the option of receiving contributions or allowing them to rein in the Premises Fund.

r. Howells further reported that the nsion of the Society's publications and pending publication of the British rmaceutical Codex had resulted in e large accounts being presented for ment. As there was a lapse of time be the cash on sales was received, the position required strengthening. It recommended that the treasurer ld be authorised to make temporary sfers from other funds to the General d, should it appear necessary to ngthen the cash position; the recomdation was agreed. The increased ual value of scholarships in the gift of Society had made it necessary to re the accounts. The income of the nsom Research Fellowship would be ch strengthened by investments to come with the balance in hand. It was ommended by the Committee that £800 d in the Ransom Research Fellowship count should be invested in 3 per cent. ings Bonds, 1965-75.

The Law Committee's report, submitted Mr. H. M. Hirst, showed that during months of July and August the Soty's inspectors and agents had visited 1,980 authorised sellers, eighty-three listed sellers and 460 drug store proprietors and similar traders. Eighteen cases of alleged infringement were considered and appropriate action taken.

Statutory Fees: Amendment of By-laws

The following amendment of the By-laws, made necessary by the expiration in the current year of the five-year period during which the existing registration and retention fees were authorised was approved:—

(a) In Section 1 paragraph 4 in the third line and again in the sixth line—delete the year "1949" and substitute the year "1954."

(b) In Section 1B paragraph 3 in the fourth line—delete the year "1949" and substitute the year "1954."

(c) In Section 1B paragraph 4 in the sixth line—delete the year "1949" and substitute the year "1954."

(d) In Section 8 paragraph 3 in the eighth line—delete the year "1949" and substitute the year "1954."

Tribute to Scottish Department

The President referred to the presence at their meeting of the chairman of the Executive of the Scottish Department (Mr. C. W. Macfarlane). The Scottish Department had put every facility at their disposal for the conduct of the Council meeting, and he had no doubt that it would be the wish of the Council that a letter should be sent to the secretary of the Scottish Department, placing on record the Council's appreciation. Mr. MacFarlane said in reply that it was a great pleasure to him to listen to the Council's discussions, and on behalf of the Executive he thanked the Council for their courtesy in having invited him to be present at their meeting.

A dinner to mark the occasion of the Council's first visit to Edinburgh since it was granted a Royal Charter in 1843 was held on October 4, Mr. C. W. Macfarlane in the chair. Professor Derrick M. Dunlop (chairman, Pharmacopœia Commission) proposed the principal toast of the evening. The success of the National Health Act, he said, depended to a large extent on the Society, and he was sure they would do their best to implement its provisions. Lord Provost Sir Andrew Murray replied to the toast of "The City."

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

Twenty-fourth Annual Meeting

THE twenty-fourth annual meeting of the Pharmaceutical Society of Northern Ireland was held in Belfast on October 3, the president (Mr. Henry H. Cowzer) in the chair. Four retiring members of the Council, Messrs. C. Abernethy, W. H. Boyd, H. W. Gamble and P. R. W. Shinner, were declared re-elected. Apologies for absence were received from Miss M. A. Lancashire and Messrs. H. J. Cousley, J.P., J. R. Guiler, James McDowell, J. N. Patterson and G. Mains Shaw.

President's Address

In his address the PRESIDENT referred with regret to the deaths of two past-presidents of the Society (Messrs. W. J. Hardy, J.P., and W. S. Taylor), and of six other members (Messrs. R. L. Chambers, G. Cheevers, M. J. Hughes, S. Hutchinson, T. J. Moffatt and J. McCarthy). During the previous year, he said, pharmacy had gone through great changes. The Health Service Act placed additional burdens on the pharmacist but planning and adaptations had largely dissipated the difficulties. The development of the Service occasioned a shortage of registered pharmacists that became acute during the summer but had since eased. As a Society, they had learned with regret of the death of Mr. William Grant (Minister of Health and Local Government) with whom they had had many interviews. When the present apprenticeship regulations were introduced concern had been expressed that it was being made too difficult for young men and women to enter the profession. That concern had not been borne out—in fact the number of apprentices entering pharmacy in the preceding year was greater than for many years previously. Seventy-seven were registered, against forty-six in 1947, and the number of candidates entering for the Society's examinations had also continued to increase. It was felt in many quarters that pharmacology could, with advantage be included in the syllabus for the Final Qualifying examination, and it was also possible that the period of apprenticeship could be reduced. Some form of revision of the apprenticeship curriculum would have to be undertaken but he thought it was a matter that could only be decided after a great deal of discu and investigation.

The lower standard achieved by candidates in the Part I of the exam tion had raised the question of the ad bility of making physics and chem compulsory subjects for students wished to register as apprentices, bu action had yet been taken by the Cou In the examinations in December 1 and June 1949, a total of ninety-s students had sat for the Final Qualif examination, forty-four had passed, twe eight failed and twenty-five had been ferred in various subjects. In the Part I amination 124 had sat, thirty-five had successful, seventy-two had failed twenty-five been referred. The lectures ranged by the Society during the wi had been most successful, and mem would be sent a summary of that on st isation by Mr. C. W. Young. He hope would be possible to show films in cou districts with the aid of the new so projector purchased by the Society. inquiries had been held by the Statu Committee during the year.

The Society had been well represe at the British Pharmaceutical Confere at Blackpool, and he had had the plea of representing the Society at the center celebrations of Queen's University, Belf The attention of the social committee being given to the celebration of Society's silver jubilee in December 19

Finances of the Society

The financial statement presented by treasurer (Mr. H. F. Moore) showed income of £4,149 and a balance over penditure of £482. The assets, includ property, equipment and investments, w returned at £18,229. Mr. Moore co mented that, while income had risen, th had also been an increase in expenses. T adoption of the statement was moved MR. FRED STOREY, C.B.E., who congra lated the president on an address whi he said, contained much food for disc sion. He thought that more memb should be encouraged to attend the C ference, and suggested that some of Society's surplus funds might be used

orm of grants towards expenses. Mr. y expressed pleasure at the return of our retiring members of the Council, ffairs of which had been conducted in dmirable manner. Mr. J. Caldwell ded, and the financial statement was oved. In reply to a question, the ident said it had been decided that, e £2,272 shown as cash in the bank, oo should be invested, and this had dy been done. About £800 was due urrent payments.

ussion on Apprenticeship

he President said that there was a ng that instead of the present period of years, nine months of which were t in study only, a change might be e to three years. That, however, d require new legislation. The Secre- (Mr. William Gorman) explained under the Schedule, no one could be- qualified without serving an apren- hip of four years, but the tendency been to help the student by reducing number of hours spent in the shop, h meant that the apprenticeship was ally about three years and three ths. Under the National Insurance the student and the employer had to contributions during the session of e terms which the student had to d at college in his fourth year. The ncil had discussed the question, and as generally felt that the apprentice- should mean that the student was ally with the employer for most, if all, of the time. One suggested solu- was to reduce the apprenticeship to e years with attendance at college be- or after the period of apprenticeship. decision had yet been reached. Mr. man also pointed out that one system for the examinations to be taken first, owed by a period of apprenticeship re receiving a certificate of qualifica- ; another was to serve the apprentice- first and take the examinations after- ds. Among the points to be considered whether there should be a break in student's studying. He did not think t any changes could be made without most careful investigation.

Mr. H. W. Gamble said there had been plaints that qualified men had little wledge of shop work, and he thought t the proposal to have the Part I ex- ination followed by a three-year apren- ship and a final year of study was worth considering. Mr. Caldwell commented that in some cases knowledge of shop work was poor after an absence of perhaps twelve months from the shop. Mr. W. H. Boyd suggested that the Part I examination should be taken before the apprentice entered the shop. The maximum time spent by apprentices in the shop at present was about three and a half days a week, and that should be improved. If the Part I examination were of a good standard, the year would not be wasted if the apprentice afterwards found he did not wish to continue in pharmacy. Mr. Boyd added that he would like to see the Final examination a stepping-stone to other things; at present it led no further. Mr. Gorman pointed out that young persons could not afford to waste a year at that stage in their careers. The opinion that it would be better to make chemistry and physics compulsory in the pre-entry examination was expressed by Mr. F. Storey, but it was stated that not all grammar schools taught those subjects. Mr. Gamble, agreeing that it was unfair to break the courses of study, suggested that a six months' probationary period should be served after passing the Final examination and before the issue of a Qualifying certificate. Mr. P. R. W. Shinner said the sore point was between the employer and the apprentice in the last nine months of the apprenticeship, and he favoured a conference to consider the difficulties with regard to National Insurance and other liabilities. It had been held that at present the apprentice was employed even when taking a full-time course of study. Mr. Moore said it was not fair that the employer should have to pay so much to allow that procedure.

Post-graduate Course

The subject of a post-graduate course was raised by Mr. R. Gibson and in reply Mr. Gorman said that a series of talks could be arranged in the Society's rooms, but he thought that there were difficulties in the way of holding a course in the Belfast College of Technology. Mr. Gibson said that the Government might be asked to help, and it was pointed out that medical post-graduate courses were arranged by the General Health Services Board. It was agreed that inquiries should be made to see what evening lectures could be arranged by the Society. A vote of thanks to the president was moved by Mr. Gamble.

OPENING OF THE SCHOOL OF PHARMACY

THE 108th session of the School of Pharmacy, University of London (the second under its new constitution), was formally opened on October 5, Sir Harry Jephcott presiding. He read a number of apologies for absence from members of the Society's Council and others.

Dean's Report

THE DEAN of the College (Professor H. Berry), reporting on the 1948-49 session, said that the session had seen the fruition of plans for the new honours degree in pharmacy, the first two graduates having obtained their degree at the summer examination. They were Messrs. D. W. Russell (Chelsea Polytechnic), first - class honours, and R. E. Marshall (School of Pharmacy), second-class honours. Both were now working in the School. The rate of development of the new degree had been embarrassing, and it was taxing the present establishment severely both for space and finance. For the first time in the history of the School, students for the coming session were all studying for the honours degree. A new subject, pharmaceutical engineering, would come into operation only in the 1950-51 session, owing to lack of laboratory space. Mr. David Train, B.Pharm., who had graduated that summer with first-class honours in chemical engineering, had been appointed to organise the course. Research work during the past session had been well maintained and during the session twenty-seven papers had been published. Ten students had gained the post-graduate degree of Doctor of Philosophy.

Turning to "what is probably the most important item in the report," Professor Berry said that those who had attended the sessional openings in recent years must have grown familiar with, and possibly tired of, the "ever-recurring wail" concerning the condition of accommodation in the building. He had pleasure in reporting that the purchase by the University of the Pharmaceutical Society's unfinished building in Brunswick Square had been completed on September 15, and the University intended to place the same amount of space at the disposal of the School as the Society had originally proposed to do. The new building would not solve every problem, for there remained its furnishing and equipment, which would be difficult today.

THE CHAIRMAN then called upon G. B. Jeffery, F.R.S. (Director of th stitute of Education, University of Lon to give the inaugural sessional addres

DR. JEFFERY said that he would month have completed forty years of tinuous service with the University of don, and it was natural that he shou interested alike in the University ar education. The problem of educati pharmacy was how to assist young p to become good men and women who good pharmacists. If the aim wer lower, the students might achieve te cal proficiency but would be "less they might have been."

The union between the School of l macy and the University of London w had recently taken place had come a said Dr. Jeffery, by the cordial agree of two institutions that had had inter ing and roughly contemporaneous hist He briefly traced the history of the versity of London from the time its f dation was suggested in 1825, "for sons of the middling rich," up to when the present constitution came operation; and the history of the Pha ceutical Society. He hoped all stu would enter fully into the wider corp life of the University. Pharmacy w become enriched and would progress rapidly because of what it might re from other branches of knowledge c vated within the University, and it w pay its way by giving no less than i ceived.

Standing Room Only

MR. HUGH N. LINSTEAD, O.B.E., M proposed a vote of thanks to Dr. Jef He had been fascinated by the addres had just heard and thought a copy should be handed to all students pre The removal of the School to Bruns Square, when it did eventually take p would give the Society "not ample r but at least a place to sit down in, w was all they asked." MR. R. THORN (president, Students' Union) seconded vote of thanks.

Booklet Distributed to Staff.—B Pure Drug Co., Ltd., Nottingham h distributed to their wholesale and r staffs an illustrated booklet "The S that has become a Service."

SOCIETY'S NEW CURATOR ADDRESSES WOMEN PHARMACISTS

ING at the opening meeting of the of the National Association of n Pharmacists, held in London on mber 28, THE PRESIDENT (Miss E. F. ard) introduced the speaker, Mr. Rowson, Ph.D., M.Sc., Ph.C., by ng his pharmaceutical career up to pointment recently as curator of the aceutical Society's Museum.

scopy in the Study of Drugs

Rowson spoke on "The Pharmacist he Quality of Crude Drugs." The acist, he said, should be able to en- he identity and quality of his mater- While drugs in the entire state could pected by the trained eye for adul- on or faulty handling, the detection of tication in powdered samples was difficult. Adulteration might take orms of gross or partial substitution rthless material; contamination with titious matter occurring naturally the drug; substitution of inferior ies or allied species, or the use of ex- ed materials. To ensure the quality de drugs the main methods employed analysis and microscopy, the first de- l primarily to establish whether com- al samples complied with minimal ards of quality, but requiring micro- l examination if it were to be com- y effective in showing up gross tution. Modern numerical micro- al work had been developed especi- to ensure control of crude drugs in er. By counting or measuring struc- elements present in the powder, it possible to establish completely the enticity of the material. The criteria sessing the reliability of the methods that it should (a) be constant for species (within the normal limits of al variation of biological material); ot vary between samples of different nor with variation of nutrition, cli- or other environmental factors; (c) onstant, whether for all or only one ty within a species; (d) be constant ifferent parts of the one morphologi- member (e.g., the leaf) or in members e same type in different parts of the t; (e) be based on a statistically rmined number of observations to give desired probability of accuracy; (f) differential between different species of same genus; and (g) be applicable to the powdered drug when present in galenicals and in different degrees of fineness.

The two main classes of observations were ratio and direct values. The best known of the former was the palisade ratio: the number of palisade cells of a leaf that could be seen below one epidermal cell when examined in surface view (camera lucida drawings were made of four contiguous epidermal cells and of the underlying palisade cells, the process being repeated several times). That ratio had been used to distinguish between closely related species or between official drugs and their possible adulterants. Another ratio value was the stomatal index, based on the relative numbers of stomata and epidermal cells in a given area of leaf surface. The vessel index, starch index and cork-cell number were other ratio values.

Direct Values

Direct values included the number of stomata and the number of cork cells per unit area. A method used for distinguishing between certain varieties of cardamom seeds made use of the single-celled layer of stone cells found in the seeds. By counting the number of stone cells per sq. mm. of surface area and measuring the radial lengths of the cells, their average volume had been calculated and the resultant figures used to distinguish between different varieties. The "lycopodium" method had been called "the fundamental of all quantitative microscopy methods." The basic principle was that lycopodium powder contained a definite number of spores per mgm. Known weights of sample and standard were mixed, suitably suspended, and mounts prepared. In each field of observation lycopodium spores were counted and the selected function under observation counted or measured. Hence the number, area or length of the function in unit weight of sample could be calculated from the initial weighings.

The use of structural standards, said Dr. Rowson, was still in its infancy. Microscopical analysis could be done by most pharmacists with small equipment.

South African Seaweed Extraction.—Following a recent chemical examination of the seaweed from the beaches in South Africa, plans have been made to extract kelp products on an industrial scale.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale qu ties of standard quality. Prices of crude drugs and essential oils vary as to brand or g

28 Essex Street, W.C.2, Oct. 12

THE increased volume of export inquiry for FINE CHEMICALS has been sustained, although at present the extent of new business is not evident. In the home market, prices of minor BISMUTH SALTS have been adjusted in accordance with the increased cost of metal. It is understood that new rates for MERCURIC IODIDE and the OPIATES are to be announced shortly. QUINIDINE, B.P., is increased by 2s. per oz. Prices of QUININE SALTS are unchanged. A good request is being received for CALCIUM SUCCINATE. One maker is not raising prices (see *C. & D.*, October 1, p. 478-79) of BORAX and BORIC ACID and is executing normal demands of regular customers from stocks held at prices ruling before devaluation. Business in CRUDE DRUGS has been small. IPECACUANHA has been in good inquiry, with spot supplies at a minimum. No offers of Brazilian ipecacuanha are being made, but licences have now been granted for the importation of limited quantities of Nicaraguan root. All stocks of mature CASCARA SAGRADA have now been disposed of; 1949 peel is offered at 250s., duty paid. There are sellers of French GENTIAN, natural root on the spot, at 72s. 6d. per cwt. A good demand has been received for COCHINEAL and the market is firm (prices of CARMINE are higher and supplies are difficult to procure). Spot quotations for LIQUORICE JUICE are unchanged; the market in sticks is, however, weak, and holders are accepting bids. Turkish liquorice juice is quoted dearer by about 15s. per cwt. at origin. Following devaluation a number of countries have been buying PAPAIN and the market is firmer for the East African product. MENTHOL is slightly easier although spot quotations are unchanged. SENEGA continues firm.

In ESSENTIAL OILS markets there has been a good inquiry for Spanish oils, but in most instances holders are not prepared to quote firm prices pending a clarification of Spanish exchange rates. There are still no offers of PATCHOULI on the spot; shippers indicate 57s. 6d. per lb., c.i.f.

U.S. Drug and Chemical Report

New York, October 7

A PRINCIPAL feature of the markets has been a substantial decline in Norwegian medicinal COD-LIVER OIL shipping prices and also in spot quotations. The reduction is a result of devaluation. The shipping price has been reduced from $56.50 per drum (30 galls.) to $47.75, and the local market quotation is $1.70 to $1.80 per gall., against $2.05 to $2.40 previously. Trade circles are of the opinion that prices may decline still further if a greater demand does not develop. GLYCERIN rem in a generally strong position with users in the market for their Octobe quirements. POTASSIUM PERMANGANA still in good export demand in spite o devaluation of sterling. Domestic de is reasonably good. U.S.P. grade RESORCIN have been advanced 70 per lb. by a major producer, but movement has failed to affect pric the technical grade. The advance e lishes a bulk price for crystals of in lots of 100 lb. or more, while powd quoted at $2.70. In the CRUDE D market spot prices of large flake M range from $1.25 to $1.30 per lb., new crop material is being offered at for October arrival. Offerings of c from European sources are reporte be very limited and this is attrib more to shortage of supplies than t valuation uncertainties; ERGOT is a minent example. GUM ACACIA prices been reduced a quarter of a cent pe for amber sorts—to 13¼ cents per lb., traders say that devaluation is not l to result in any large price cuts o to the difficult supply position the duct was in before September 19. M is firmer; most afloat parcels have d peared from the market. Unsold pa are quoted at 40 cents to 45 cents pe according to quantity. MENTHOL p have not been reduced during the past days but it is stated that they are barely steady; current demand is s Shipping prices of BEESWAX cont firm from Central and South America, offerings from Africa are slightly lo Incoming shipments of Brazilian NAUBA WAX are fairly substantial. A l proportion of receipts in the past week expected to go directly into consu channels. Uncertainty is the keynot the ESSENTIAL OILS market, as a r of devaluation, and this has serve bring about increased interest in ce products. Most spice oils are firmer cause of doubts about future supplies China and the past few days have a five-cent increase in CLOVE prices; oil is now unavailable below $1.60. pared with an inside price of $1.55 week. Some fair size arrivals of LEM GRASS are expected in the coming w These will result from the active bu of the material about a month before devaluation of sterling. LIME imports expected to be small. Mexican produ have a rather substantial amount of orders to work off, while a good por of the new crop in the West Indies been sold to Great Britain. Several S THETICS show considerable strength, a flection of the tight supply position in coal-tar chemicals. EUGENOL is dearer

Pharmaceutical Chemicals

ETANILIDE. — Quotations for 1-cwt. n kegs are at 2s. 1d. per lb for crys- and 2s. 2d. for powder.

NZYL BENZOATE. — Makers offer B.P. e at from 4s. 3d. to 5s. per lb.

OMISOVALERYLUREA. — Quotations are 37s. 6d. to 42s. per lb., as to quantity.

TOBARBITONE. — Makers' prices for l quantities are from 73s. per lb.

TYL CHLORAL HYDRATE. — In good ly; prices are from 17s. 6d. per lb.

FFEINE.—Makers' prices per lb. are: ALOID, anhydrous, from 33s. 6d. to 6d., and B.P., from 31s. 6d. to 6d.; CITRATE, B.P.C., from 18s. 6d. 3s. 6d.; SODIUM BENZOATE, B.P., from to 26s.; SODIUM SALICYLATE, B.P.C., 21s. 9d. to 26s. 9d.; SODIUM IODIDE, 25s. 6d. to 29s. 6d. Assorted orders be booked with the exception of caf- and sodium iodide (theobromine alka- and salts may be included). Contai- : 14-lb. and 28-lb. tins free; other ages charged extra. Carriage paid on rs of £20 value and over.

ALCIUM GLUCONATE.—Quantities of up- ls from 3 cwt. are quoted at 3s. 6d. lb.; 1 cwt.-2 cwt., 3s. 7d. per lb.; ller quantities up to 3s. 10d. per lb.

HLOROCRESOL.—Pharmaceutical quality noted at 4s. per lb. in 1-cwt. drums.

HLOROFORM.—Makers' prices for 1-cwt. in winchesters are 3s. 2d. per lb.; ., 3s. 2½d. In drums, prices are ½d. and 3s. 1d. per lb., respectively.

HLOROXYLENOL.—B.P. quality is quoted s. 6d. per lb. in 1-cwt. drums.

REAM OF TARTAR. — Makers' rates for home trade are: 10 cwt. lots, 148s. cwt.; 5-10 cwt., 149s.; less than 5 cwt. more than 2 cwt., 150s.; 1-2 cwt., ., delivered.

EXTROSE.—Basic rates for the home le are unchanged. MONOHYDRATE, B.P., ntities of 1 ton and upwards, 1s. per 10-cwt. to 1-ton, 1s. 0½d.; 5-cwt. to wt., 1s. 1d.; 1-cwt. and less than 5-cwt., 1½d.; less than 1-cwt., 1s. 2¾d., de- red. ANHYDROUS, B.P., quantities of 1 and upwards, 1s. 0¾d. per lb.; 10-cwt. 1-ton, 1s. 1¼d.; 5-cwt. to 10-cwt., 1¾d.; 1-cwt. and less than 5-cwt., 2¼d.; less than 1-cwt., 1s. 4d.

LYCEROPHOSPHATES. — Makers' list es per lb. are as follows: CALCIUM UBLE, 10s. 6d.; IRON SCALE, 11s. 9d.; D, 20 per cent. (B.P.C.), 8s. 3d. GNESIUM (INSOLUBLE), 10s.; MAGNESIUM LUBLE), 19s. 3d.; MANGANESE, 24s. 3d.; ASSIUM, 50 per cent., 5s. 11d.; 75 per t., 7s. 9d.; SODIUM, 10s. 9d.; 50 per t., 4s. 7d.; 75 per cent., 5s. 8d. Quanti- of 7 lb., 6d. per lb. less than above es; other quantities in proportion.

LACTATES. — Current quotations are: CALCIUM, 2s. 2½d. to 2s. 6½d.; CALCIUM SODIUM, 3s. 5d. to 3s. 9d. per lb. LACTIC ACID, B.P., is 3s. 3d. per lb. in carboys, and from 3s. 4½d. to 3s. 10d. in winchesters.

METHYL SALICYLATE.—Current rates are as follows: Winchester quarts, 2s. 2½d. per lb.; 56 lb., in demijohns, 2s. 1d.; 1 cwt. in demijohns or carboys, 2s. 0½d.; 5 cwt., 2s. All prices are net.

POTASSUM BROMATE. — Makers' prices per lb. are as follows:—One cwt., 5s. 3d.; 56 lb., 5s. 9d.; 28-lb., 6s. 3d.; smaller quantities, up to 6s. 9d., net. 28-lb. parcels, free, other packages charged extra.

QUININE.—Steady. Makers' rates (per oz.) to home-trade distributors are given below; additional charges must be added for repacking, etc. ALKALOID, from 5s. to 5s. 6d.; ACETYLSALICYLATE, 6s. 3d. to 6s. 9d.; BISULPHATE, 3s. 7d. to 4s. 1d. DIHYDROBROMIDE and DIHYDROCHLORIDE, 4s. 11d. to 5s. 5d.; FORMATE, 5s. 9d. to 6s. 3d.; GLYCEROPHOSPHATE, and PHOSPHATE, 5s. 5d. to 5s. 11d.; HYDROBROMIDE and HYDROCHLORIDE, 4s. 6d. to 5s.; SALICYLATE, 4s. 8d. to 5s. 2d.; SULPHATE, 4s. to 4s. 6d.; QUININE AND UREA HYDROCHLORIDE is quoted from 4s. 10d. to 5s. 4d.

SALICYLIC ACID.—Makers' quotations for 1 cwt. are 2s. 2½d. per lb.; scheduled rates per lb. for quantities of 28 lb. and under 1 cwt. (containers in brackets) are: 2s. 10½d. (1-lb.); 2s. 9½d. (2-lb.); 2s. 9d. (4-lb.); 2s. 8d. (7-lb.); 2s. 7½d. (14-lb.); 2s. 6½d. (28-lb.). Net one month.

SILVER COMPOUNDS.—Home-trade prices, in bulk packing, of PROTEIN, B.P., range from 32s. 9d. to 39s. 3d. per lb. VITELLIN, 20 per cent., is 61s. to 69s. per lb.; 30 per cent., 81s. 6d. to 91s. 6d. per lb., according to quantity. Additional charges are made for smaller packings.

SODIUM SALICYLATE. — Steady. Makers' price for 1 cwt. is 2s. 7d. per lb.; resellers' rates per lb. (containers in brackets) in the home market as follows: 28-lb. and under 1 cwt., 3s. 4d. (1-lb.); 3s. 3d. (2-lb.); 3s. 2½d. (4-lb.); 3s. 1½d. (7-lb.); 3s. 1d. (14-lb.); 3s. (28-lb.). Net one month.

THEOBROMINE.—Makers' prices per lb. are: ALKALOID, B.P.C., from 32s. 6d. to 37s. 6d.; CALCIUM SALICYLATE and SODIUM SALICYLATE, B.P., from 19s. to 24s.; SODIUM BENZOATE, 21s. 6d. to 25s. 6d. Assorted orders may be booked, with the exception of theobromine and sodium benzoate (caffeine alkaloid and salts may be included). Containers: 14-lb. and 28-lb. tins, free; other packages charged extra. Carriage paid on orders of £20 value and over.

ZINC OXIDE.—All grades have been reduced by £5 per ton from October 8. B.P. is now £90 per ton in minimum 2-ton lots; red seal is £79; green seal, £80 10s.; and white seal, £81 10s.

Crude Drugs

ACONITE.—Indian, on the spot, quoted at 275s. per cwt.; *napellus*, 3s. 10½d. to 4s. 3d., duty paid, nominal.

AGAR.—Good Kobé No. 1 is quoted at from 15s. 6d. to 16s. per lb. on the spot, with off-quality quoted at 14s. 6d. No. 2 is available at around 12s. per lb. South African powder, 18s. 3d. per lb., spot.

ALOES.—Steady. Prime Cape quoted at 115s. per cwt., spot; shipment, 102s., c.i.f. Curaçao is from 220s. to 240s. per cwt., spot. Socotrine, 170s. per cwt., spot.

ASAFETIDA. — Quiet. Persian block on spot is offering at prices from £14 10s. to £24 per cwt., as to grade.

BALSAMS. — *Canada*, quoted at from 17s. 6d. to 20s. per lb., spot. Parà *Copaiba*, B.P., is from 6s. 9d. per lb., spot. San Salvador *Peru* on the spot is quoted at 5s. 6d. per lb., duty paid; for shipment, 5s. 6d., c.i.f. *Tolu* is firm at from 10s. 6d. to 11s. per lb., spot; forward, 10s. 6d. to 11s. 3d., c.i.f.

BELLADONNA.—Jugo-Slav root (0.45 per cent.), 4s. 3d. per lb., duty paid; Italian root, quoted at from 3s. 6d. to 3s. 9d. per lb., duty paid. Jugo-Slav herb, 6s. 6d., duty paid. English leaves, quoted at 4s. 6d. per lb.

BENZOIN.—In fair demand. Sumatra good almondy block, spot, from £18 10s. per cwt.; shipment, £17 15s., c.i.f.

BUCHU.—Steady. New-crop short rounds, spot, 3s. 7d. to 3s. 9d. per lb., as to quality; forward, 3s. 5d. per lb., c.i.f.

CAMPHOR.—Chinese tablets on the spot are quoted at from 7s. 6d. (½-oz.); no offers of ¼-oz.; refined natural powder (B.P.), 6s.; slabs (2½-lb.), 7s. 3d. per lb., spot London, duty paid. English sublimed flowers (B.P.) are 5s. 9d., and English synthetic, 5s. per lb., in 1-cwt. lots.

CASCARA SAGRADA.—All old peel has now gone into consumption. 1949 is offered at 250s. per cwt., duty paid, spot London.

CASCARILLA. — Quills are quoted at 1s. 5d. and siftings at 1s. 3d. per lb., spot.

CASSIA PODS.—(*C. fistula*).—East Indian is quoted at from 62s. 6d. to 65s. per cwt., ex wharf London.

COCHINEAL. — Silver greys are firmly held at 5s. 3d. per lb., spot; no blacks available. In good inquiry.

COLCHICUM. — Corms on spot nominally quoted at 5s. to 6s. per lb., as to test; seeds, 13s. per lb., spot, duty paid.

DIGITALIS. — English leaves, from 2s. 3d. per lb.; powder, B.P., 5s. 9d.

DRAGONS BLOOD.—Steady. Singapore reboiled No. 1, £60 per cwt., spot; No. 2, £45 per cwt.; No. 3, £35, ex warehouse.

ERGOT.—Supplies of Portuguese on spot and to come forward are from 21s. per lb.

GENTIAN.—French natural on the s is quoted at from 72s. 6d. per cwt.

GUAIACUM RESIN.—Supplies on the s are quoted at 3s. 6d. per lb. Prices higher.

GUM ACACIA. — Kordofan cleaned so 84s. per cwt., spot; shipment, 78s. (c.i.f., extra royalties (if any) on buy account. Talha, 50s. per cwt., spot; arrive 47s. 6d., c.i.f.

HENBANE.—B.P. herb (*niger*) on sp 4s. 3d. per lb. Egyptian (*muticus*) at ori is nominally quoted at 95s. per cwt., c.

HONEY.—Values (per cwt.) for ma facturing honey are as follows: 1 cv 96s.; 5 cwt., 91s.; 10 cwt., 87s..; 20 cv 84s., packed in 60-lb. drums, carriage pa Refined repacked honey is available at following rates per cwt.: In 56-lb ti 100s.; 28-lb. 115s.; cases of four 7- 130s., carriage paid.

IPECACUANHA. Supplies of Colombian the spot are offered at 32s. 6d. per Nicaraguan, afloat, is quoted at 35s., c.

KINO.—Indian gum is offering on spot at 6s. 9d. per lb.

KOLA NUTS. — African quarters, 6d. lb.; halves from 2d. to 2½d. Jamaic washed halves, 3d. per lb.

LANOLIN.—B.P. anhydrous is £120 ton; hydrous, £90. Superfine anhydrous quoted at £126 per ton.

LIQUID PARAFFIN.—Prices of B.P., hea are unchanged. In 40-50-gall. loan drur 6s. 7d. per gall.; in 5-gall. free drur 7s. 9½d. to 7s. 10d.; in 10-gall. free drun 7s. 5½d.

LIQUORICE.—Anatolian natural root, f shipment, quoted at 55s. per cwt., c.i. cut lengths, 70s., spot. Syrian natur quoted 37s. 6d., spot; cut, 55s. per cv Russian natural, quoted at 55s. per cw spot. Turkish or Italian juice in sticks quoted at from 1s. 6d. to 2s. 6d. per l spot.

LYCOPODIUM. — Russian triple-sifted the spot is quoted at from 10s. 6d. to 1 per lb., according to holder.

MENTHOL. — The market is slight easier. Spot holders quote 85s. per l duty paid, but it is understood business h been done under this figure.

MYRRH.—Aden sorts, spot, offered at £ per cwt., siftings are at £6 10s. to £7.

ORRIS.—Florentine root on the spot offered at 110s. to 120s. per cwt.; Veron for shipment, 60s., c.i.f.

PSYLLIUM SEED.—French black is quot at 2s. per lb., duty paid; Indi (ispaghula), 120s. per cwt., spot.

RHUBARB. — Little business transacte Chinese rough round is quoted at from 7 per lb., spot; afloat, 6s. 6d., c.i.f.

SCAMMONY ROOT.—Spot supplies (18 p cent. resin) are offered at 70s. per cwt.

EEDS.—The ANISE market remains firm. rus, 165s. per cwt., duty free; Turkish, s. per cwt., in bond, both spot London. RAWAY.—Dutch continues firm; 112s. 6d. cwt., duty paid, spot London, now ted. CELERY.—Indian is 1s. 3½d. per lb., t London. Business is reported in nch at 1s. 5d. per lb., duty paid, in ndon. CORIANDER.—Morocco is 67s. 6d. cwt., duty paid, and 62s. 6d. per cwt., bond, ex wharf, London; for shipment, . per cwt., c.i.f., London, quoted; Artine splits, 55s. per cwt., duty paid, store Hull. CUMIN.—Market advanc. Cyprus on spot is nominal at 165s. cwt., spot London; Indian is in poor nand at 157s. 6d. per cwt., spot London Liverpool; Morocco is 150s. per cwt., bond, and 160s. per cwt., duty paid, t Liverpool. DILL.—Indian is unchanged 55s. per cwt., spot London; for shipnt, 60s. per cwt., c.i.f., London. FEN.—Indian is 70s. per cwt., spot London; same price is quoted for shipment. NUGREEK.—Indian reported sold at 60s. cwt., in London; Morocco is 57s. 6d. cwt., duty paid, spot London or Liver-l.

SENEGA.—Spot supplies are offered at m 10s. 6d. to 11s. per lb.

SENNA.—Tinnevelly leaves, spot, No. 1, m 9½d. to 11d. per lb.; No. 2, 7½d. to ; No. 3, 6d. per lb.; Tinnevelly pods, d-picked, 9d. to 1s. 5d.; manufacturing, to 6d. Alexandrian pods, hand-picked, t, from 4s. 9d. to 5s. 9d. per lb., ninal; medium grades are 3s. to 4s.

SHELLAC.—F.O.T.N., pure, is quoted at s. per cwt.; F.O. Standard 1, 365s.; orange, 375s. to 415s., spot London.

SQUILL.—Italian new-crop sliced white offering at 45s. per cwt., c.i.f.

STROPHANTHUS.—Kombé, 100 per cent., nominal at 21s. per lb., spot.

STYRAX.—Crude is offered at from 6s. 6d. 6s. 9d. per lb., spot, duty paid.

TRAGACANTH.—Selected white ribbon is ted at £115 per cwt.; other white ades on the spot are offered at from 5 to £100 per cwt.

VALERIAN.—Belgian natural on spot is oted dearer at 185s. per cwt.

WAXES.—Dar-es-Salaam BEES' is quod at 370s. per cwt., spot; shipment, 0s., c.i.f. Lindi is 365s., spot; shipment, 5s. per cwt., c.i.f. CANDELILLA.—Spot pplies are offered at 435s.; October-Nomber delivery, 425s., ex warehouse. RNAUBA.—Prime yellow, 890s., spot; ipment, 880s. per cwt., c.i.f. Fatty ey on the spot is 670s. per cwt.; afloat, 5s., c.i.f.; for shipment, 645s., c.i.f. ONTAN.—Reibeck on spot is 180s. per t.; forward, 145s., c.i.f. OURICURI.— per cent., on the spot, is quoted at 0s. per cwt. SPERMACETI.—Quotations changed at 2s. 5d. per lb., spot.

Essential and Expressed Oils

ALMOND. — English-expressed sweet oil (B.P.) is offered at from 4s. 6d. to 5s. 6d. per lb.; Spanish is available at from 3s. 6d. to 4s. 6d. Bitter, on the spot, is from 30s. to 60s. per lb., as to grade.

ANISE. — Firm. Spot quotations for Chinese star are maintained at 7s. 9d. for drums and 8s. per lb. for oil in tins in cases.

BAY.—West Indian on spot is quoted at from 6s. 6d. to 7s. 6d. per lb.

CADE.—Spanish oil, B.P., on the spot, is offered at from 3s. 6d. per lb.

CAJUPUT.—Quoted from 16s. to 18s. per lb. for spot stocks of B.P. grade.

CALAMUS.—Offers of English-distilled are at 150s. per lb.

CAMPHOR.—White oil on spot is quoted at from 2s. 3d. per lb., duty paid; brown oil, from 1s. 9d. per lb., spot, duty paid.

CARAWAY.—English-distilled is offered at from 37s. to 40s.; imported, 26s. to 28s. per lb., as to quantity.

CASSIA.—Quotations are around 18s. to 18s. 6d. per lb., spot. Little available.

CASTOR.—Basic price of pharmaceutical quality is £104 per ton, naked, ex mill.

CINNAMON.—Steady. B.P. oil, 50s. to 60s. per lb. Bark oil is offered at 12s. per oz. Leaf oil, on spot, 8s. per lb.

CITRONELLA. — Ceylon, afloat, is quoted at 7s. 2d. per lb., c.i.f.; Java, for shipment, 11s. to 12s. per lb., c.i.f., nominal.

CLOVE. — English-distilled bud oil is from 12s. 9d. to 13s. 6d. per lb., according to quantity; imported oil is 7s. per lb.

COPAIBA. — Spot offers are at from 14s. 6d. to 15s. per lb.

OLIVE.—Importers' Association's rate is 26s. 2d. per gall. of 9 lb., ex store, drums included. Additional charges are added for small quantities, according to costs of breaking bulk, containers, delivery, etc.

ORANGE. — West African sweet on the spot is in short supply at from 8s. 6d. per lb., duty paid. Palestinian sweet is from 9s. 9d. to 10s. 6d. per lb., spot; bitter is from 19s. to 20s. per lb. Sicilian bitter, 17s. per lb., c.i.f. London.

PATCHOULI.—No offers on the spot; for shipment, 57s. 6d., c.i.f., quoted from origin.

SANDALWOOD. — Mysore oil on spot, from 66s. to 73s. per lb.; English-distilled is about 75s. per lb.

UNREFINED VEGETABLE OILS.—Rates for allocations during the period of five weeks ending November 5 are unchanged, as follows:—LINSEED, £126, and foots, £76; CASTOR, firsts, £98, and seconds, £91; RAPESEED, Chinese, £130, and from other sources, £140. Prices are per ton, naked, ex works.

COMING EVENTS

Monday, October 17

London Nursing Exhibition and Conference, Seymour Hall, Seymour Place, London, W.1. (Continuing until October 21). Open Monday, 11 a.m.-7 p.m.; Tuesday, Wednesday and Thursday, 9.45 a.m.-7 p.m.; Friday, 9.45 a.m.-6 p.m.

Tuesday, October 18

East Metropolitan Branch, Pharmaceutical Society and Walthamstow Pharmaceutical Association, Conway Hall, High Street, Walthamstow, at 8 p.m. Mr. I. MacDonald, M.P.S., on "Marketing Research and its Relationship to Pharmacy."

Bradford Branch, Pharmaceutical Society, Queen's Hall, Bradford at 8 p.m. Whist drive and dance. Tickets 4s. 6d. each.

Birmingham Branch, Pharmaceutical Society, Grand Hotel, Birmingham, at 8 p.m. Dr. W. R. Bett on "Benzedrine and Dexedrine in Clinical Medicine."

Burnley Branch, Pharmaceutical Society. Visit to Thomas Kerfoot & Co., Ltd., Bardsley Vale.

Wednesday, October 19

Sheffield Branch, Pharmaceutical Society, Medical Library, University, Western Bank, Sheffield, at 7.45 p.m. Film show and report by Mrs. Dove on Branch Representatives' meeting.

West Ham Association of Pharmacists, Church Institute, 27 Romford Road, Stratford, E.15, at 8 p.m. Discussion on "Problems and Difficulties of the National Health Service."

Dundee Branch, Pharmaceutical Society, Mathers Hotel, Whitehall Place, Dundee, at 7.30 p.m. Mr. H. T. Thomas, M.P.S., Kelso, on "The Pharmacist as Clinical Biochemist."

Wembley and West Middlesex Chemists' Associations, Oldfield Hotel, Greenford, at 6 p.m. Dinner and dance.

Liverpool Chemists' Association and Branch, Pharmaceutical Society. At 2.30 p.m. Coach trip to Blackpool illuminations.

Irish Chemists' Golfing Society. Hermitage Golf Club, Dublin. Closing competitions, followed by annual dinner.

Manchester Pharmaceutical Association and Branch, Pharmaceutical Society, Pharmacy Department, Manchester University, at 3 p.m. Speech day, distribution of prizes, and report of representatives to the conference.

Thursday, October 20

Wimbledon Pharmacists Association, Wimbledon Town Hall, at 7.45 p.m. Talk by one of the Pharmaceutical Society's inspectors on "Modern Developments in Forensic Pharmacy."

London Branch, Chemical Society, main chemistry lecture theatre, Imperial College of Science and Technology, South Kensington, at 7.15 p.m. Tilden Lecture by Professor E. R. H. Jones.

Hull Branch, Chemical Society, science lecture theatre, University College, Hull, at 6 p.m. Professor A. R. Todd, M.A., D.Sc., on "The Mechanisation of Drug Action."

Harrogate Branch, Pharmaceutical Society, Fuller's Café, Harrogate at 7.30 p.m. Annual meeting. Mr. T. Heseltine on "Current Pharmaceutical Affairs."

London Industrial Co-ordinating Committe National Society for the Prevention of Acc dents, York Hall, Caxton Hall, Westminste S.W.1, at 10 a.m. Accident prevention confe ence. Admission by ticket (10s.) from Mr. C Dine, c/o Kodak, Ltd., Dept. 26, The Work Harrow, Middlesex.

Manchester Branch, Chemical Society, chemistr department, Manchester University, at 6.30 p.m Meeting for reading of original papers.

Friday, October 21

Birkenhead and Wirral Pharmacists' Associa tion, Chamber of Commerce Rooms, Hamilto Square, Birkenhead, at 8 p.m. Meeting to di cuss the agenda for the N.P.U. Conference.

Dartford Technical College.—A course fo pharmacists, to include rheology, chromatography economics of pharmacy and salesmanship, com mences on October 24 (alternate Mondays at 7.3 p.m.). Fee for course, 21s.

TRADE MARKS

(From the "Trade Marks Journal," September 21)

For detergents (3).—"Burtolise" "Bur tolised" and "Burtolising"; by Burto Cleaners, Ltd., London, W.1; 678,198-9 and 678,239.

For cosmetics (other than toilet prepara tions) (3).—"Ange Marie"; by Easter Perfumery Co., Ltd., Glasgow; B676,922.

For veterinary preparations (5).— "Udamec"; by Imperial Chemical (Phar maceuticals), Ltd., Slough; 672,775.

For weed-killing preparations (5).— "Palormone"; by Pal Chemicals, Ltd London, W.2; 678,102.

For insecticides (5).—"Thiopal"; b Pal Chemicals, Ltd., London, W.2 678,103.

For insecticides, disinfectants, weed-kill ing preparations, etc. (5).—"Indodex" by Deodor-X Co., of England, Ltd., Liver pool; 678,565.

For medical and surgical apparatus fo the nose and throat (10).—"Atomist" by The Gardner Co. (London), Ltd., Lon don, S.W.4; B671,527.

For hypodermic syringes, and needle therefor (10).—"Novol"; by Novoco Chemical Manufacturing Co. of Canada Ltd., Toronto; 677,498.

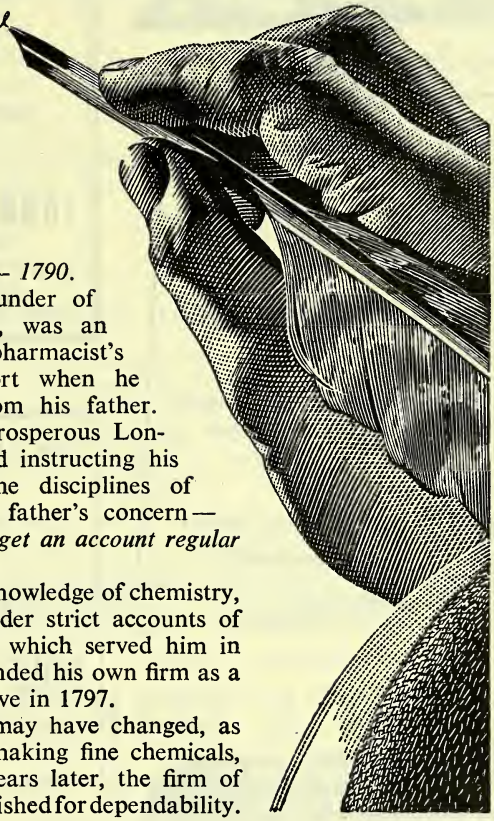
For combs and sponges (21).—"Twil last" and device of pyramid; by Whita kers (Bolton), Ltd., Bolton; B671,655.

(From the "Trade Marks Journal," September 28)

For foodstuff-preserving chemicals (1).— "Vessite"; by Vessey, Sheffield 679,004.

For soaps (3).—"Deb" in distinctiv lettering; by Deb Chemical Proprietaries Ltd., Belper; 673,329.

Thy accounts appear to be allowable, only 20/- seems a great price for boots, but I have not bought a pair many years and hardly know the present run



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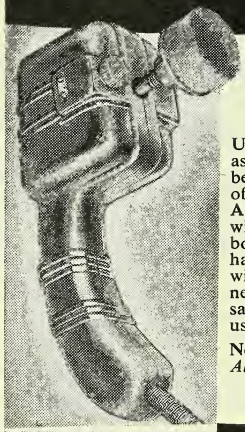

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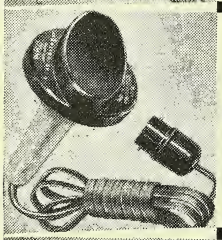

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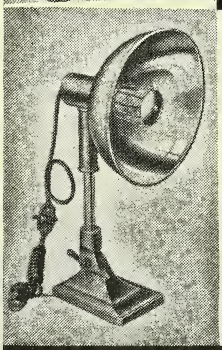

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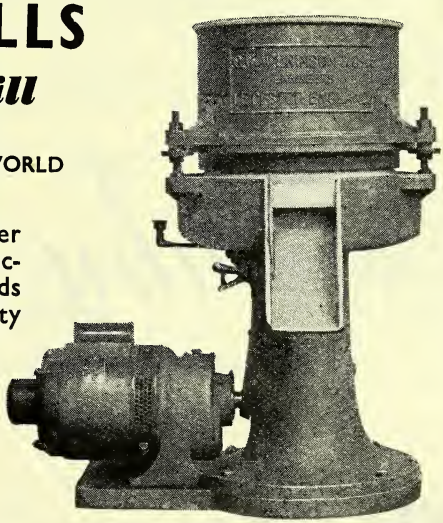

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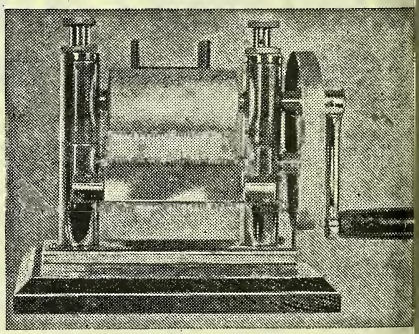

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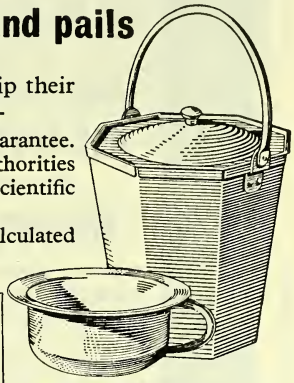

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- **ATTRACTIVELY PACKED IN 1 DOZEN DISPLAY OUTER**

Post your order to-day :—

DENTOMINT LIMITED

14 BLENHEIM TERRACE
ST. JOHN'S WOOD, LONDON, N.W.8
Telephone: MAIDA VALE 8061/2

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OINTMENT LIFTERS
APPLICATORS supplied to the trade
Highest quality at lowest prices
MOULDINGS & SHAPES CO
66 Sprowston Mews, Forest Gate, E.7

MOSANS PESSARIES

15/- per doz. boxes
any wholesaler

PHERIBAN

TONIC TABLET

now packed in

2/- *sizes* 4/3

P.A

MACLENNAN BRAND PRODUCTS L
105 RITHERDON ROAD - LONDON - S.
Phone: BALham 2447

Quality Shaving at LESS COST!

He's important shaving news! A new Wilkinson Razor, attractively packed and at a popular price! And a big reduction in Wilkinson Long Life Hollow Ground Blades, to be sold at 4/11 for a packet of 4. This means for YOU—bigger sales and more profits. Load up your sales drive with our National and Provincial advertising campaign. **SO SEND IN YOUR ORDERS TO-DAY.**

The Wilkinson Sword Company Limited

Oakley Works, Southfield Road, Acton, W.4.

NOT STICKY
It's NOT a plaster

BUT IT STICKS!
MORE than a bandage

PRESTOBAND
THE ANTISEPTIC SELF-ADHESIVE BANDAGE
STICKS TO ITSELF — BUT NOT TO THE SKIN

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MADE BY VERNON & CO., PRESTON, LANCS

It's Ritchie's
for YOUR Sundries

Hair Brushes
Shaving Brushes
Tooth Brushes
Combs
Soap Cases
Ultra - Violet Lamps
Infra Red Lamps
Infradysers
Bathroom Scales
Surgical Instruments
Dressings of all Types
Dunlopillo Cushions
Spontex Sponges
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Ortho-Creme
Ortho-Diaphragms
Foot Supports (Ortho-Pads)
Bunion Pads

Full particulars with pleasure from :

Geo. B. Ritchie & CO.
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BIOLOGICAL MBL PREPARATIO

THE QUALITY OF ALL MBL PRODUCTS IS ABSOLUT IDENTICAL WITH THAT OF PRE-WAR PREPARATI

because of our heavy purchases immediately before war broke out. Our sto are still considerable and the high MBL standard will be fully maintai

THERE IS NO SHORTAGE OF ANY OF OUR PREPARATIO

		Retail Prices (inclusive of Tax)	CHEMISTS' PRICE Per unit Net +	Purchase Tax	Per dozen Net +	Pur T
ANTIPEOL						
OINTMENT	4 oz. tube	7/5	4/2½ +	1/5	50/5 +	1
	40 gr. „	3/8½	2/1½ +	8½	25/3 +	
	20 gr. „	2/1	1/2 +	5	14/- +	
LIQUID	40 c.c. bottle	3/8½	2/1½ +	8½	25/3 +	
OPHTHALMO-ANTIPEOL						
20 gr. Nozzled Tube		3/8½	2/1½ +	8½	25/3 +	
8 gr. „ „		1/9	1/- +	4	11/11 +	
RHINO-ANTIPEOL						
20 gr. Nozzled Tube		3/1	1/9 +	7	21/- +	
8 gr. „ „		1/9	1/- +	4	11/11 +	
ENTEROFAGOS						
Box of 50 ampoules		19/-	13/3½	None	159/7	N
„ 10 „		4/3	3/-	None	35/8	N
„ 5 „		2/6	1/9	None	21/-	N
DETENSYL						
Tin of 500 tablets		43/-	24/- +	8/-	288/- +	9
Tube of 50 „		4/11	2/8½ +	11	32/4 +	1
ST. JAMES' BALM						
Tin of approx. 2½ oz.		3/1½	1/11 +	7½	22/6 +	7
„ „ 1 oz.		1/7	11 +	4	11/3 +	3

Carriage paid on all orders of 1 dozen or £1 and over.
Terms : NETT, Monthly Account.

MEDICO-BIOLOGICAL LABORATORIES LTD., LONDON, S.E

"SUPATHERM"
De-luxe finish, combined double-layer "crêpe" and velour surface

"RAYDENT"
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"DURATHERM"
Patent double-layer "crêpe" surface

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Made of pure seamless Rubber Latex, Veedip hot-er bottles have unique thermal properties: boiling water may be used: they never become too to be placed against the skin and they retain heat longer than other types of hot-water bottle

VEEDIP LIMITED

HELENS WORKS SLOUGH BUCKS ENGLAND

FROM *Nogent*, FRANCE!

4½" SURGICAL TOE-NAIL NIPPER

ALL CHROMED STEEL

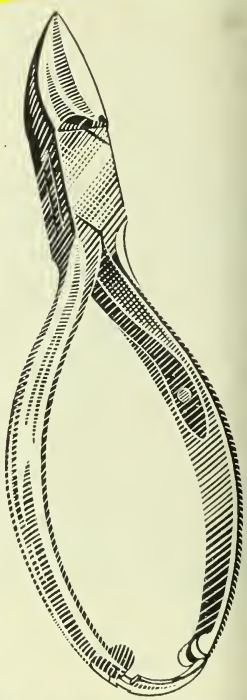
Made according to

NOGENT STANDARDS

RETAILS

12/0

FREE OF PURCHASE TAX



ASK YOUR WHOLESALER FOR NIPPER No. A F B 10

Also available from Nogent, France in all types and sizes :

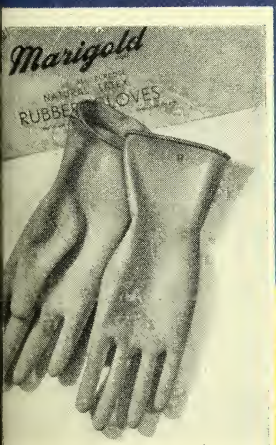
NAIL and CUTICLE NIPPERS
NAIL and CUTICLE SCISSORS
TWEEZERS and NAIL FILES

ALFRED FRANKS & BARTLETT CO. LTD

AUDREY HOUSE, ELY PLACE, LONDON E.C.

TELEPHONE HOLBORN 1078/9 (Px)

Marigold regd. PRODUCTS



ly New!

MARIGOLD
all-purpose
BBER GLOVES

ETTE-LINED — to slip on or
sily

EXTERIOR for non-slip grip
and protection for home, gar-
d garage

this line — it's a sure seller!

FEEDING BOTTLE TEATS AND VALVES (and Soothers, too!)

'Golden clear' natural Latex construction, scientifically designed for baby's comfort—hygienic and safe. Easily sterilised. Guaranteed store life—always soft and resilient.

There is an all-the-year-round ready sale for these lines. Show them—they'll sell!

All products packed in dustproof cellophane wrapping. Attractive showcards and display material also available.

Home and Export Enquiries to :—

J. ALLEN RUBBER CO., LTD · CHELTENHAM

Moulded Hot Water Bottles
Fabric Hand-Made Hot Water Bott
Hospital Sheetings, Etc.
Bathing Caps, Beach
Mandelle
MADE IN GREAT BRITAIN
J. MANDLEBERG & CO. LTD.
Seaford Road, Salford, 6, Lancs.
WHOLESALE ONLY

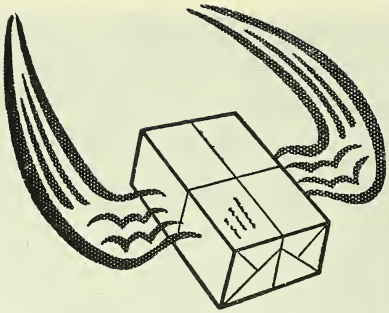
U·M·P

HE SIGN OF SERVICE
ND CO-OPERATION

Discriminating buyers prefer U·M·P Metal Tubes

mooth flexible applicators specially developed in our
LASTICS DIVISION for rectal and vaginal use.

NIVERSAL METAL PRODUCTS LTD.
LFORD 6, LANCS. *Telephone:* PENDLETON 1631-2-3
LONDON OFFICE: ARGYLE HOUSE, 29/31, EUSTON ROAD, N.W.1.



OXOID Therapeutical Preparations are despatched with unfailing promptness, and reach you with gratifying speed.

This is a service you can rely on; every order is an emergency order.

Write, telephone or wire your instructions.

OXO LIMITED

MEDICAL DEPARTMENT

THAMES HOUSE, QUEEN ST. PLACE, LONDON, EC4

TELEPHONE CENTRAL 9781

At the sink or in the swim

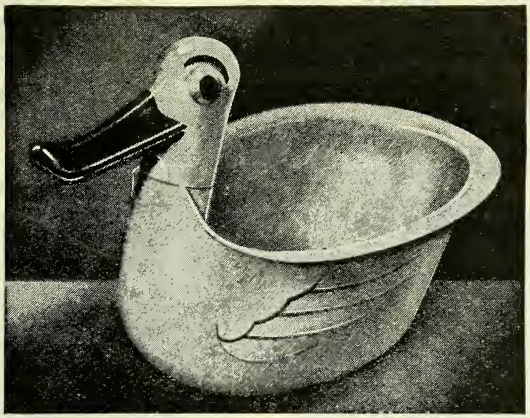
the PUCK Undercaps give perfect protection. They sell all the year through as a dust-cap, bath-cap or swim-cap. Order Now—they're alw popular... never long before you need

Supplied in outers containing 4 dozen assorted (red, yellow, pale blue and white). Each cap packed in window carton to show colour.

Retail Price 1/3 INC.TAX.

Puck BATH CAP SWIM CA DUST CA

GROVEWELL LTD.
656 Forest Road, Walthamstow, London
Only Wholesalers Supplied



Portrait of "DUCKY"

our most profitable idea for e CHRISTMAS GIFT trade

yourself right in your customer's place. u've trudged from shop to shop seeking ideal Christmas gift for a baby. Then u see the "DUCKY". Isn't it just the ng? So delightful, so amusing and so actical—because it overcomes childish icence at "potty" time. It's certainly rth devoting prominent window and nter space to "DUCKY" from now on.

DISPLAY MATERIAL. *Each "DUCKY" is packed in 2-colour SELF-DISPLAY Carton. Supplies of punched 3-colour "platform" Displays and GIFT COUNTER CARDS as illustrated, available on request.*

ducky

MAKES CHILDISH DUTIES FUN!

"**Ducky**" is made from smooth "Akenite" plastic in attractive new Nursery shades of Blue, Pink, etc.

uiries: Roy Aitken & Partners, 48 Dundas St. Glasgow, C.1
: Douglas 6581 (10 lines). Telegrams & Cables: Royaitco, Glasgow

D14

For over 60 years the trade have relied on the

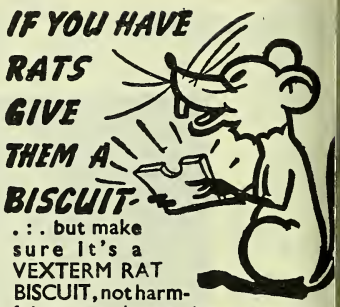
PILLS CAPSULES & TABLETS

OF

HOWARD LLOYD

Many young chemists (as their fathers did 30 years ago) are placing all their orders with HOWARD LLOYD. They know that Howard Lloyd give constant satisfaction—in special order or regular bulk supplies.

HOWARD LLOYD & CO., LTD.
LEICESTER



. : . but make sure it's a VEXTERM RAT BISCUIT, not harmful to pets, human beings or farmyard stock, but death to rats and mice. Clean, safe and easy to handle. From Chemists, Ironmongers and Stores everywhere. Price 1/6 & 5/9

VEXTERM
READY-BAITED
RAT BISCUITS

Agriculture and Fisheries Licence No. 10184

Manufactured by
BRITISH RODENT EXTERMINATOR CO.
PRATTS BOTTOM · FARNBOROUGH
Phone: FARNBOROUGH 849

Cyclo

"CYCLOCHEM"

(Trade Mark)

OWN MANUFACTURE

Original

LANETTE WAX SX

All fully complying with the official standard of
CERA EMULSIFICANS B.P.

Ask for New Booklet
"CYCLOCHEM LANETTE WAXES"

GLYCERINE MONOSTEARATE

and many other Emulsifiers

LOROL SULPHONATE

Liquid, Paste, Powder

CYCLO CHEMICALS LTD.

Wax Refiners and Chemical Manufacturers
MANFIELD HOUSE, STRAND, LONDON, W.C.2

GET BACK YOUR EMPTY BOTTLES

(MINISTRY OF HEALTH)

WE HAVE LABEL SUPPLIE
IN STOCK
AUTHORISED WORDING

ORDER NOW

TOWNSENDS

THE LABEL PRINTERS

EXETER

FOR EVERY MONTH OF THE YEAR

"ZEMS"
HERBAL LICORICE TABLETS

THE BEST MEDICATED TABLETS FOR COUGHS, COLDS, ASTHMA, BRONCHITIS, ETC.

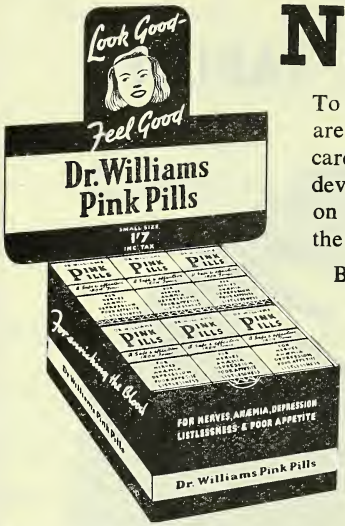
Supplies may be obtained from C.F. Wholesale Houses

ZEMS LTD

718-724 Seven Sisters Road, London, N.15

Telephone: STAMFORD HILL 6658-9

SELL ON SIGHT with this NEW DISPLA



To most of your customers, Dr. Williams Pink Pi are a familiar and well-tried tonic. Over fifty years careful manufacture and world-wide advertising ha developed universal recognition. Our new Display Pa on your counter provides the necessary reminder the public *at the point of sale.*

By linking up in this way, you get the biggest benefit from our powerful continuous press advertising.

SHOW MORE : SELL MORE

Dr. Williams Pink Pills

G. T. FULFORD CO., LTD. (of Canada), 8 Royston Park Road, Hatch End, Mi

Dr. J. Collis Browne's Chlorodyne and The Pharmacy and Poisons Act, 1933

Dr. J. Collis Browne's CHLORODYNE

SALE RESTRICTED TO REGISTERED CHEMIST

PURCHASER'S SIGNATURE NOT REQUIRED

Sole Proprietors:

J. T. DAVENPORT LTD.
UNION ST., LONDON, S.E.1

P.A.T.A.

ABLETS, PILLS, CAPSULES

LOZENGES, PASTILLES

British Chemotheutic Products Ltd. offer a complete range of Tablets, Pills and Capsules for dispensing under the National Health Acts. Each product is carefully standardised both qualitatively and quantitatively and strict analytical control is observed. The highest attainable standard of quality and purity is constantly observed.

Acetomenaphthone
Allobarbitone
Amphetamine Sulph. (Racemic & Dextro)
Barbitone
Butobarbitone
Calciferol
Carbromal
Codeine Co
Cyclobarbitone
Dienoestrol
Digitalis
Diphenan
Ephedrine
Ergometrin Maleate
Ethisterone
Hexobarbitone
Hexoestrol
Mepacrine
Methyl Thiouracil
Methyltestosteron
Nicotinamide
Nicotinic Acid
Oestrone
Phenobarbitone
Phenytoin Soluble
Quinine Salts
Quinidine
Santonin
Stilboestrol
Succinylsulphathiazol
Sulphacetamide
Sulphadiazine
Sulphaguanadine
Sulphanilamide
Sulphapyridine
Sulphathiazole
Sulphamezarine
Sulphadimidine
Thiouracil
Thyroid Glands
Vitamins, etc., etc.

BRITISH CHEMOTHEUTIC PRODUCTS LTD
BRADFORD (P.O. BOX 191)

Your enquiries invited for all types of Tablets, Pills and Capsules.

VITAMINS LIMITED

Extension of Pharmaceutical Division

At the Annual Meeting of Vitamins Limited recently, Mr. H. C. H. Graves, Chairman, said that Ministerial approval of their scheme for modern premises in the new town of Crawley had been received.

Referring to Bemax particularly, he said they heard even in these days of listless children and of infants who did not grow as rapidly as they should, or who perhaps went down before infections of one kind or another that children (and indeed all mankind) was heir to.

How different many of the frustrated and listless would be if they put themselves on Bemax: Some recipes for good health were a little unpleasant and not easy of acceptance, but Bemax with milk or fruit juice, in soup, or sprinkled on cereals, was so delicious and added such zest to life in a very short time, that it was difficult to understand how anyone who had the opportunity should fail to give it a trial; still less how anyone could deny their children the benefit of it.

Some thought that after the phenomenally fine summer, there was risk, of a severe winter, with resultant toll of infection and sickness. How wise it would be if all such would go to the nearest Chemist's and purchase—and to see that their family used—Bemax, the most famous, vitamin, protein and mineral supplement in the world.

SALES WELL UP

Continuous and intensive campaigns directed primarily to the Medical Profession, had resulted in substantial increases in the sales of their pharmaceutical preparations.

Bemax, Befortiss, Complevite, Fertilol, Pregnative and, of course, their newer preparations such as Vitavel A, could all be prescribed under the terms of the National Health Service.

FENOLIN P.A.T
FLU
for WHOOPING COUG
for use with ELDON VAPORISE
HALL FORSTER & CO. L
NEWCASTLE UPON TYNE

BRITISH MADE AMPOULE FIL
are now available
We are now in a position to manufacture large quantities of Ampoule Files and invite inquiries
DOMINION STEEL CORPORATI
LTD.
"FLEET" WORKS
QUEEN'S ROAD, SHEFFIELD,

EXPERT GUIDANCE I
TRUSS FITTIN
Under the National Health Service t appliances can be ordered on EC10 forms.
Pharmacists should be fully acquainted the practical details involved in the suppl and fitting of them.
The informative series of articles on the ject recently published in The CHEMIST A DRUGGIST have been reprinted in boo form, "THE FITTING OF TRUSSES A ELASTIC HOSIERY," which provides full formation in concise detail. Copies should handy for reference purposes in e pharmacy.
Supplies are now available at following prices :-
Single copies . . . . . 1/6 post free
1 doz. copies . . . . . 1/4 each post fr
2 doz. copies . . . . . 1/3 each post fr
50 copies or over . . . 1/- each post fr
Orders with remittance to the Publisher:
The CHEMIST AND DRUGG
28 Essex St. Strand - London, W.

The Knox Policy

The policy of the Knox Laboratories Ltd., has always been one of creating product confidence by giving users an assurance of satisfaction.

Today, in the National and Provincial Newspapers, in the wide range of Periodicals and Magazines, on the Posters in Trains, Buses and on Station Platforms—in fact in all our Nation-wide advertising the substance of following guarantee of honest trading and straightforward dealing appears.

MAKE THIS TEST

To prove that Cystex may be the very medicine you need to put you on the road to better health than you have had for a long time, get Cystex from your chemist today, price 1/7. This will enable you to see how quickly Cystex gives relief and benefit to health. If difficult to obtain, write giving chemists' name and address to Knox Laboratories Ltd., 29 Duke St., St. James's, London, S.W.1.

Both Cystex and Mendaco are considered of great therapeutic value; do all that is claimed for them, and act quickly. That is why these medicines are so often recommended by one sufferer to others.

Supplies through your usual Wholesaler.

Cystex
THE KIDNEY TONIC
For KIDNEYS, BACKACHE RHEUMATISM

Mendaco
For ASTHMA BRONCHITIS, HAY FEVER

KNOX LABORATORIES LTD.,
29 DUKE ST., ST. JAMES'S, LONDON, S.W.1
Phone: Regent 4562

Calling all Rexall Chemists in Gt. Britain & Northern Ireland!

Gardenia of Southern France

will be our main perfume offer for pre-Christmas trade this Season

2/-, 4/6 & 19/6 *including purchase tax.*

REXALL DRUG COMPANY LTD., NOTTINGHAM

Pack and Distribute

ISCO BRAND

MEDICINAL COD LIVER O

UNDER YOUR OWN LABEL

like other discriminating buye

and watch

YOUR PROFITS GROW

Backed by a reputation and experience covering half a centu

•

Isaac Spencer & Co. (Aberdeen) Lt

Albert Quay · Aberdeen

Phone : Aberdeen 20202 (Four lines)

Grams : EXTRACT ABERDEE

'Semprolia'

D. D. T.

HAIR EMULSION

...a new effective treatment for head lice..

A new formula Emulsion, contai D.D.T. as the a ingredient, for control of head Pleasantly perfu and simple to use. Apply by massaging the scalp. No combi required except for th moval of dead lice. T ment is economic individual application drachms only.

List price 8/- (plus

Retail price 1/3 (incl. tax)

ALSO STILL RECOMMEND

'Semprolia

BRAND

MEDICATED (LETHANE) HAIR OIL N.F.

STEMCO Ltd., 128 Albert St., Camden Town, N.

Agents in Eire: May Roberts (Ireland) Ltd., Du

THIS IS THE HORSE...

whose fortunes your customers follow!

ALL over the country, your customers follow the fortunes of our Zubes horse—widespread Zubes advertising has made him their *certain* favourite. And they put their money on him . . . whenever they ask you for famous, *quick-selling* Zubes. Through long experience they have learnt that there is *no* substitute — "Zubes are best for throat and chest." Supplies as before will continue to be allocated as fairly as possible.

ZUBES Regd.

F. W. HAMPSHIRE & CO. LTD., SUNNYDALE, DERBY

Gold Cup

JAFFAJUCE

The Quintessence of Quality in Real Fruit Drinks.

Made from ripe, sun-kissed fruit and pure cane sugar.
Jaffajuce Orange, Jaffajuce Orange and Pineapple, Breakfast Jaffajuce (for a "Short" drink), Jaffajuce Lemon, Jaffajuce Grapefruit, Gold Cup Lime Juice.

JAFFAJUCE LTD., LONDON W.1 & GLASGOW ORDER THROUGH YOUR USUAL WHOLESALE CHEMISTS

Meet the demand

You can profit by the extensive National advertising now appearing in Women's Journals for "Handmaid" Lanolin protective cream—and by the repeat orders that naturally follow from those who appreciate the best.

Write for details of display materials.

WESTBROOK LANOLIN Co.
(Subsidiary of Woolcombers Ltd.)
BRADFORD.

Heading for Speedier Sales!

News! Increased advertising is spreading the story of BIOCRIN—the proved Shampoo-Reconditioner. Through more magazines more women are learning about this health-and-beauty treatment.

A Large Profit Margin and Regular Clientele For You!

Retail Sizes 18/6 and 20/- per dozen (plus 33⅓% tax) retailing at 3/- and 5/- each

Biocrin pomade shampo

A product of Vine's Biocrin Ltd., London, W.2.

Firm favourites!

with every member of the family . . . .

CUTICURA PREPARATIONS

(MEDICINAL AND TOILET)

SOAP · OINTMENT

TALCUM POWDER · SHAVING STICK

These grand aids for skin-care have been giving confidence and satisfaction for over 65 years. Profits are good — Advertising consistent and widespread. Sales-promoting window displays always at your service.

The following attractive products, each with a universal appeal, will shortly be added to the popular Cuticura Range:

HAND CREAM · BABY OIL

SHAVING CREAM · LIQUID ANTISEPTIC

AFTER-SHAVE LOTION

British Distributors: NEWBERY & PHILLIPS LTD.
203, Victoria House, Southampton Row, London, W.C.1
TELEPHONE: HOLBORN 1564

for

THE POTTER DRUG & CHEMICAL CORPORATION
205-207, Victoria House, London, W.C.1

B28

VULFIX

VULFIX—the present with a BIG future!

VULFIX Service Shaving Brushes will be sure best sellers this Christmas. Here is a really practical present that bears a personal touch!

VULFIX shaving brushes are available in four sizes—"Service" No's. 1, 2, 3 and 4, at popular prices ranging from 3/11d. to 8/9d. Every brush is a quality article with pure bristles and carries a TWO YEAR GUARANTEE!

To aid your sales between now and Christmas, lively press advertisements will appear in a number of National newspapers having a huge coast-to-coast coverage, with readership appeal to all classes.

Be prepared for a big demand. Stock up with VULFIX now!

VULFIX "Service" Shaving BRUSHES

PROGRESS SHAVING BRUSH Co., Ltd., Mottram Street, Stockport
49 Leadenhall Street, London, E.C.3.

THE BRUSH WITH THE TWO YEARS GUARANTEE

ALWAYS IN DEMAND

Eau de Cavalcade by hanri

THE MOST OUTSTANDING PERFUMED COLOGNE MARKETED TO-DAY. ITS APPEAL TO EVERYWOMAN OFFERS CONTINUOUS PROFIT TO EVERY STOCKIST

PRICE LIST UPON REQUEST

SHOWCARDS AVAILABLE

CAVALCADE BEAUTY PREPARATIONS LTD.
417/419 BATTERSEA PARK RD., LONDON, S.W.11.
TELEPHONE: BATtersea 6505/6

PARIS LONDON

Galjado

THE UNIVERSAL FAVOUR
FOR OVER
20 YEARS

Galjado HAIR COLOUR RESTORER IS NEAT & DYE

HAIR COLOUR RESTORE
H·T·A For Grey and Faded Hair P

Complete Catalogue of Perfumery and Toilet parations sent on request

All products obtainable from your usual wholesa direct from

S. SIGAL & CO. LTD.

MANUFACTURERS OF EXCLUSIVE TOILET PREPARA
47 TABERNACLE STREET, LONDON,

NTAINS NO RUBBER

TOILET SPONGES selling at 3/8d. and 2/9d. including are now available in *four delightful colours*—natural ow, blue, green, pink (packed in dozens, standard rtment or all one colour)—a really fine contribution our window and counter display.

PONTEX BABY SPONGE—extra fine, extra soft, in ural yellow, blue and pink, beautifully wrapped. d. including P.T.

PONTEX COSMETIC SPONGE—7½d. including P.T.

D BY A NATION-WIDE ADVERTISING CAMPAIGN.

from your usual supplier, or, in case of difficulty, to:

CEL LTD., WOLDHAM RD., BROMLEY, KENT.
Telephone: RAVensbourne 2641

Now in 4 delightful colours

Now YOU CAN SWEEP THE ENTIRE LIPSTICK MARKET! . . . WITH FASHION'S NEWEST Lip Colours by MAX FACTOR

• THRILLING NEW FASHION HARMONY SHADES . . . . FRESHER, MORE YOUTHFUL, MORE FLATTERING

Pink Velvet — A SMOOTH PROVOCATIVE INVITATION ON LIPS

Coral Glow — WARM, VIVACIOUS, LIT WITH GOLD

Pink Secret — DELICATE, WITH A HINT OF FEMININE MYSTERY

ALSO IN . . . . CLEAR REDS, BLUE REDS, ROSE REDS FOR COLOUR HARMONY AND FASHION HARMONY

IN A SMART, DISTINCTIVE NEW-SIZE CASE · RETAILING AT 4/11 (INCL. P. TAX)

THESE BEAUTIFUL NEW FASHION PINKS ARE ALSO AVAILABLE IN STANDARD SIZES RETAILING AT 7/4. (INCL. P. TAX).

Max Factor HOLLYWOOD

MAX FACTOR HOLLYWOOD & LONDON (SALES) LTD 16 OLD BOND STREET, LONDON,

Printed by The Haycock Press, Ltd., 106-140 Neate Street, Camberwell, S.E.5, and Published by the Proprietors, Morgan Brothers (Publishers), Limited, at 28 Essex Street, Strand, London, W.C.2.

OCTOBER 15, 1949

The Chemist & Druggist SUPPLEMENT

HEAD OFFICE: 28 ESSEX STREET, STRAND, LONDON, W.C.2

Telephone : Central 6565 (10 lines) *Telegrams : "Chemicus, Estrand, London"*

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ORRIDGE & CO. (Established 1846)

For SALES, PURCHASES, VALUATIONS, STOCKTAKING *and* ASSESSMENTS

South Africa. We have an excellent range of inesses for sale. Small and large, with and hout living accommodation. Country and districts. Low income tax rates. Financial stance available in many instances. Particu- and advice on emigration gladly given.

Putney. Drug Store offering scope for pharma- . Well situate in exclusive block of flats. nover present rate £50 per week. Scope. d-class clientele. Price required £850 plus k.

Central London. Very old-established surgi- instrument business for disposal Turnover year over £17,000. Gross profit £4,163. pe for proprietor. Spacious warehouse. Held very valuable lease. No sum whatsoever re- red in respect of goodwill. Full particulars n application.

Wholesale Businesses. Manufacturing and dis- uting. We have some very substantial whole- manufacturing and distributing businesses sale. Reasonable prices. Excellent openings those with experience. Capital requirements £20,000 to £50,000. Freeholds in some instances. Further details on receipt of Banker's reference.

5. Northern Ireland. Retail pharmacy with increasing turnover. Vendor emigrating Living accommodation. Rent £5 per month. Present turnover £65-£75 per week cash plus substantial N.H.S. prescriptions. Garage. Net profit estimated £750 per annum. Price required £1,000 s.a.v. in all about £2,000.

6. West Riding, Yorkshire. Death vacancy. Old-established substantial business with heavy dispensing connection. Qualified manager available Reasonable rent. Tenure secure. Average annual net profit over £2,100. Full wine and spirit licence. Price required £5,200 s.a.v. Banker's reference with application, please.

7. Kent Coast. Death vacancy. High-class business. Elizabeth Arden Agency. Heavy dispensing connection. Turnover between £12,000 and £13,000 per ann. Income tax net profits last year £2,808. Six in staff. Price required £7,250 s.a.v Offers considered.

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BUSINESSES FOR DISPOSAL

or 36 words (min.) then 4d. per word. Box 2/-

STORE, Lancashire town, run down at t only open two days per week. Splendid unity qualified Optic and photographic. sive fittings. £600. Box 6/833.

SALE. Chemist's shop and dispensary, St. s, Lancs. Double-fronted corner premises d position with living accommodation. Stock . cost £600. Three-years' lease on sale of ty by arrangement. Apply The Association nufacturing Chemists, Ltd., 5 Rumford Pl., ool.

OF ELY. High-class drug store facing market . Average turnover £6,000 per year. Price, ing fittings, fixtures and goodwill, £3,500. at valuation. Box 6/849.

H WALES. Well-known good-class family acy; central position in busy coast town; ive well-appointed, double-fronted lock-up good clean stock; sound business, good s. Inclusive ingoing £3,600. Recommended /832.

L MEDICAL and surgical appliances distribu- usiness in Edinburgh, together with excellent property recently renovated. Further par- s from, and offers to, Messrs. Allen McNeil , W.S., 19 Young St., Edinburgh.

LONDON, EAST. Family business, drug store in busy main road. Established same hands 17 years. Well fitted, low rent with long lease. Kodak agency, Returns last twelve months in excess of £6,000. All cash trade. No near opposition, suitable for conversion to chemist. Some accommodation, sound proposition, every investigation. Price, £2,900 all at. Box 6/844.

MIDLANDS. Wholesale chemist distributing business with practically every valuable membership. Rapidly increasing turnover now at the rate of at least £50,000 per annum. Freehold property, extensive, good clean stock, vans, etc. Further particulars may be supplied upon receipt of a banker's reference. Apply Box A/442.

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DETAILS ARE SOUGHT of any genuine retail chemist business together with freehold premises in good position in principal shopping street of any town with population over 10,000 within about fifty miles of London, of which the owner would consider disposing privately, for family investment. Please write Mr. Mackie, Samson Clarks, 57 Mo. mer St., London. W 1.

RETAIL PHARMACY REQUIRED, London or near, good position. Strictest confidence will be observed. Box 6/851.

The Bridge
Walsall, nr. Birmingham
Phone : Walsall 5948
28 Rigby Buildings, 4 Aytoun St.
Manchester 1
Phone : Central 0877
141 Bath St., Glasgow
Phone : Douglas 3168

ERNEST J. GEORGE & CO.
Chemists' Transfer Agents, Stocktakers and Valuers
329 HIGH HOLBORN LONDON, W.C.1
Phone : Hol. 7406/7 and 2397

South Coast Representativ
G. Loxton Grinstead, M.
"Edweina," Oaklands Av
Saltdean, nr. Brighton, S
Phone: Rottingdean 823

BUSINESSES FOR DISPOSAL

A.1. Essex (good-class seaside resort). Attractive well-positioned pharmacy with excellent living accommodation and garage; turnover for last financial year £7,000 approx. (accounts at present in course of preparation); owner has purchased an extensive business in the London area and wishes to effect an immediate sale; the price asked is £3,000 for goodwill plus stock and fixtures at valuation, but reasonable offers will be considered.

A.2. Middlesex. Family business with a fair amount of passing trade; turnover for last financial year £9,522; net profit, £1,865; flat available for occupation if required; new lease for 21 or 28 years will be granted. Total purchase price about £7,000, including stock and fixtures estimated at £3,500.

A.3. East Sussex. Well-fitted pharmacy with good living accommodation; N.H.S. approximately 660 per month; freehold property for sale, £5,000; net profit for last trading year £1,250; s for introduction of optics; price of busi £3,200 (including fixtures, £1,000), plus at valuation.

A.4. Middlesex. Pharmacist wishes to dispo shareholding in private limited company; ca requirements approx. £1,500; after allowing the normal present-day salary in respect of vices rendered, the investment should produ net income (based on last year's figures approx. £300 per annum, representing a tw per cent. return on capital; further details application.

A.5. Suburban Kent. Family business with st increasing turnover. Returns for 1948-49 £ approx. The turnover for July and August year is about £200 up on the correspo period in 1948. Living accommodation at pr sublet. Total price £2,500, including stock fixtures estimated at £7,750.

OFFICIAL VALUERS TO THE N.P.U. BUSINESS PURCHASE FUND

APPOINTMENTS

18/- per half-inch (min.) and pro rata. Box 2/-

BARMING HEATH HOSPITAL, MAIDSTONE

REGD. ASST. PHARMACIST required. Salary £425 x £25—£525 per annum. Candidates should be 23 years of age but application would be considered from a younger person subject to a reduction of £25 per annum in respect of each year below this age. Post is superannuable under the National Health Service Regulations. Applications, stating age, qualifications and experience, together with the names of two persons to whom reference may be made, to be sent to the Medical Superintendent.

LEWISHAM GROUP HOSPITAL MANAGEMENT COMMITTEE

PHARMACISTS

Applications are invited for two posts of Pharmacist at
LEWISHAM HOSPITAL, LONDON, S.E.13.
Salary scale £425 by £25 to £525 (a deduction of £25 will be made from minimum of the scale for each year below the age of 23 years). Applications, stating age, qualifications and experience, with copies of two recent testimonials or names of persons to whom reference may be made, should be sent to the Surgeon Superintendent, Lewisham Hospital, London, S.E.13, as soon as possible.

CONNAUGHT HOSPITAL, WALTHAMSTOW, E.17

ASSISTANT TO PHARMACIST require mediately (Hall certificate). Hospital e ence preferred. Salary in accordance J.N.C. scale. Applications, stating ag perience, etc., together with copies of tw cent testimonials, to the Secretary, (No. 11) Group Hospital Management mittee, Langthorne Rd., Leytonstone, E.

HACKNEY HOSPITAL, LONDON

Applications are invited for immediate cies:—
(a) SENIOR ASSISTANT PHARMACIS
(b) ASSISTANT PHARMACIST.
Salary scales: (a) £415-£490; (b) £370 commencing at a point commensurate wi perience. Subject to revision.
Please apply, enclosing copy testimonials, ment of qualifications, and salary requir Secretary, Hackney Group (No. 6), H Management Committee, London, E.9.

HILL END HOSPITAL, ST. ALBA

20 Miles from London on Good Bus ASSISTANT PHARMACIST or Disp Assistant required immediately. Salar conditions of service in accordance wi vised recommendations of the J.N.C. (tal Staffs). Arrangements might be ma the persons appointed to reside in th pital, if desired.

Apply, stating age and full particulars perience to Medical Superintendent.

TISH ELECTRICITY AUTHORITY. EAST MIDLANDS DIVISION.

gford Generating Station, Coventry.

plications are invited for the position of TION CHEMIST at Longford Generating n.

ndidates should be qualified to take of the station laboratory and be fully rsant with modern generating station ce.

ference will be given to candidates pos- a University Degree or an Associateship Royal Institute of Chemistry.

ary in accordance with Class J, Grade 7, National Joint Board Schedule, at pre- £606, rising to £633, per annum.

appointment will be superannuable terms and conditions of the British icity Authority's Superannuation Scheme.

plications must be submitted on the appro- form which can be obtained from the onal Establishments Officer, at the under- oned address, and when completed, be delivered not later than October 24,

W. S. BURGE, Divisional Controller.
n Electricity Authority,
Midlands Division,
ritish Electricity House,
Barker Gate, Nottingham.
49.

RTSMOUTH GROUP HOSPITAL MANAGEMENT COMMITTEE

SAINT MARY'S HOSPITAL
(1,094 Beds)

UTY CHIEF PHARMACIST required. present salary is £425-£525 (J.N.C. but the scale is now being reviewed by ppropriate Whitley Council.

tants must be members of the Pharma- al Society with the required period of al experience and the commencing salary the scale will be based on the experience successful applicant.

position is subject to the provisions of ational Health Service (Superannuation) ations, 1947.

cation forms may be obtained from and be returned to the Deputy Secretary, 18 ort Terrace, Portsmouth, as soon as le.

G. A. HUGHES.
Secretary to the Committee.
September, 1949.

REDHILL GROUP HOSPITAL MANAGEMENT COMMITTEE

plications are invited for the post of RMACIST at Redhill County Hospital, wood Common, Redhill, Surrey, from ered Pharmacists, on the scale £425 —£525 (the minimum of £425 is linked e 23). A reduction of £25 will be made ch year below that age.

ies will be under the direction of the Pharmacist.

post is subject to the provisions of the nal Health Service (Superannuation) ations, 1947.

plications, stating age, qualifications, and ames of two referees, should be addressed e Secretary, Room 45, Redhill Group tal Management Committee, at Redhill y Hospital, Earlswood Common, Redhill, , as soon as possible.

STAINES GROUP HOSPITAL MANAGEMENT COMMITTEE

HOUNSLOW HOSPITAL
STAINES ROAD, HOUNSLOW, MIDDX.
(General Acute—81 beds)

Applications are invited for the appointment of PHARMACIST. Salary in accordance with new Whitley Scales, i.e., £425 p.a. (at minimum age 23) x £25—£525 p.a.

Apply, stating qualifications, experience and age, with copies of up to three testimonials or names for reference to Assistant Secretary (C D) of Hospital as soon as possible.

NORTH MIDDLESEX HOSPITAL, ISLEWORTH, MIDDLESEX

(SOUTH-WEST MIDDLESEX HOSPITAL MANAGEMENT COMMITTEE)

Applications are invited for the post of ASSISTANT PHARMACIST. Salary £425 (at age 23) x £25 to £525 per annum. Commencing salary will depend on previous experience. Subject to the National Health Service Superannuation Scheme. Applications, stating age, qualifications and experience, with copies of testimonials, to be sent to the Chief Pharmacist at the above Hospital.

ROTHERHAM & MEXBOROUGH HOSPITAL MANAGEMENT COMMITTEE

Montagu Hospital, Mexborough, Yorkshire.

ASSISTANT PHARMACIST

Applications are invited for the post of ASSISTANT PHARMACIST at the above hospital. Salary in accordance with the J.N.C. Scale. The post is subject to the National Health Service (Superannuation) Regulations. Applications, stating age, qualifications and experience, together with the names of two referees, to be forwarded to the Secretary to the Committee, Montagu Hospital, Mexborough, Yorkshire.

WEST MANCHESTER HOSPITAL MANAGEMENT COMMITTEE

PARK HOSPITAL, DAVYHULME,
Nr. MANCHESTER.
General Hospital—500 Beds
APPOINTMENT OF STUDENT PHARMACIST.

Applications are invited to fill a vacancy which exists in the Pharmaceutical Department for a Student of Pharmacy. Applicants may be either pre-graduate or post-graduate. A pre-graduate candidate must have passed either the intermediate examination for a degree in Pharmacy recognised by the Pharmaceutical Society, or the intermediate examination of the Pharmaceutical Society, or the Higher School Certificate Examination.

In the case of the Higher School Certificate Examination principal standard must have been attained in at least two of the following three groups of subjects:—

Chemistry;
Physics;
Biology, or Botany, or Zoology.

Post-graduates will be required to serve a period of one year, and pre-graduates a period of two years, as prescribed by the Pharmaceutical Society of Great Britain.

Application forms and further information may be obtained from the Secretary.

THE ROYAL LONDON HOMŒOPATHIC HOSPITAL,

GREAT ORMOND STREET, W.C.1.

DISPENSER

Lady (unqualified) required with good experience. Salary in accordance with Joint Negotiating Committee scale. Apply, stating age and full particulars to Pharmacist.

WOOLWICH GROUP HOSPITAL MANAGEMENT COMMITTEE

Applications are invited for the post of ASSISTANT PHARMACIST, either Senior or Junior (resident or non-resident) at St. Nicholas Hospital, Plumstead. A sterilising room is being provided. Salary within the following scales according to experience:—

Assistant: £370-£450 p.a.

Senior Assistant: £415-£490.

Applications to be sent to Secretary, W.G.H.M.C., Memorial Hospital, Shooters Hill, S.E.18.

LONDON HOSPITAL, WHITECHAPEL, E.1.

has vacancies for ASSISTANT PHARMACISTS at the above hospital. Salary according to J.N.C. (Hospital Staffs) scale. Experience will be taken into consideration in determining commencing salary. Hours: 9 a.m. to 5 p.m. (on half-day 9 a.m. to 1 p.m.). Occasional Sunday duty and late duty, both subject to additional remuneration. Dining room facilities. Applications to Secretary.

Vacancies advertised are restricted to persons or employments excepted from the provisions of the Control of Engagements Order, 1947.

SITUATIONS OPEN

8/6 for 36 words (min.) then 3d. per word. Box 2/-

RETAIL (HOME)

APPLICATIONS are invited from fully-qualified chemists experienced in bakery work. There are good prospects for right man in progressive firm. Apply, giving full details and salary required, to Bournes Bakeries, 28 High St. South, E.6.

BRANCH MANAGER for North-West London. Good salary. Congenial staff. Apply Box 6/860.

BRIGHTON. Qualified manager required for high-class pharmacy. Permanency. Good salary, plus commissions. Position calls for initiative and offers excellent scope. Accommodation can be arranged. Apply Box 6/856.

BRISTOL CO-OPERATIVE PHARMACIES, LTD., invite applications from qualified men respecting further vacancies due to expansion—branch managerships, in some cases with living accommodation. Good basic salary with emoluments, including dispensing bonus. Permanencies, with superannuation scheme. Application forms obtainable from Registered Office, Castle Green, Bristol, 1.

CHOICE OF SUITABLE accommodation, if required, on appointment. Qualified persons, male and female, are required to manage attractive pharmacies in south-east and south-west districts of London. Positions are available offering salary from £550 to £650 per annum, plus generous commission. Engagements are permanent and progressive and include entry into superannuation scheme. Apply, giving full particulars to the Staff Manager, Royal Arsenal Co-operative Chemists, 113 Powis St., Woolwich, S.E.18.

BOOTS THE CHEMISTS have vacancies in a n of districts for qualified assistants, male and f Salary (male) Central London £10 5s. to £ Metropolitan District £9 17s. 6d. to £10 17 Provinces £9 10s. to £10 10s. (Female C London £9 15s. to £10 15s. Metropolitan I £9 7s. 6d. to £10 7s. 6d.) Provinces £9 t according to age. Engagements are on a perm basis with good prospects and eligibility fo sion, life assurance, etc. There are also a n of vacancies for unqualified assistants with pharmaceutical experience. Good remun with a view to permanency. Pension schem Applications should be made to Retail Staff I ment, Station St., Nottingham, stating age, ence, and district preferred.

CHEMISTS, QUALIFIED, wanted as ph branch manager in Glasgow area. Permanen tion with superannuation scheme to suitable cant. Good salary and conditions. Applic in writing, stating age, experience, etc., t Technical Supervisor, S.C.W.S., Ltd., Retai Department, 187 Bogmoor Rd., Shieldhall, G

CROYDON. Young, unqualified assistant r mainly for dispensing in busy pharmacy. E working conditions. Apply with particulars perience and salary required, to O. L. Carr 300 London Rd., Croydon.

EXPERIENCED DISPENSER, qualified or unqu required for high-class suburban pharmac hour week, no Sunday or half-day duty. Robinson (Chemists), Ltd., 5 Broadway Pde. Harrow, Middx. Harrow 2110.

FIRST-CLASS COUNTER HAND required f pensing department of a prominent London Good wages. Five-day week and superan fund. Box A/432.

KENSINGTON. Dispensing assistant requi high-class business. Write, stating age, ex and salary required, to Gamble & Co., 34 St., Kensington, W.8.

LADY, experienced general counter and dis required as assistant in good-class pharmac London (Eltham). Apothecary Hall certifi advantage. State age, experience and sal quired. Box 6/848.

LEEDS. Pharmacist manager wanted for bu road pharmacy. Salary £650 p.a. plus bonus. Congenial position. No Sunday Attractive proposition at end of first year. with full particulars, to H. Mortimer, L Meadow Rd., Leeds, 11. Tel. 22014.

LONDON CO-OPERATIVE CHEMISTS, invite applications from experienced pha for branch managerial vacancies in pleasan ban areas. Modern, well-equipped shops wi supporting staffs; attractive salary, generou mission, with payment for all rota dutie tions permanent and superannuated, with lent promotion prospects. Choice of living modation, house or flat, where required. particulars as to experience, wages require to Superintendent Chemist, Grange Rd., E.10.

M.P.S. REQUIRED, lady or gentleman, as intendent. Salary £10 per week. Commis N.H. dispensing. Living accommodation a for single person if required. South N Box 6/794.

OLDHAM CO-OPERATIVE CHEMISTS, LTD a vacancy for a pharmacy branch manage day half-day. Saturday, close 4 p.m. Supe tion. 44-hour week. Applications stating perience, etc., to Oldham Co-operative C Ltd., King St., Oldham.

Situations Open—Continued

GER experienced pharmacist for South business. Living accommodation. Good ts for suitable applicant. Apply Box

GRAPHIC ASSISTANT salesmen required. ent position. Prospects will be good for willing to use initiative and work hard. Heaton, Ltd., 127 New Bond St., London,

EA ISLAND Co-operative Chemists Ltd. re- pharmacist as branch manager. Salary scale ent £500-£600 per annum plus rota fees noluments. Superannuation fund and ex- conditions. Apply in writing stating age, nce and salary required to Executive Officer, atton Rd., Portsmouth. Endorse envelopes macist."

FIED ASSISTANT for central pharmacy re- (male or female). Good house available. nuation scheme with transfer clause. Rota id for occasional extra duties. Applications, salary required, to Managing Secretary, rough Industrial Co-operative Society, 0 Bridge St., Gainsborough.

FIED CHEMIST (young) required for South- gland to assist with dispensing at three s. Good prospects of early promotion to r. Apply in own handwriting, giving details ifications. Box 6/768.

FIED ASSISTANT for senior position in ss pharmacy. Write details, previous ex- e, age, etc., to: J. W. Quibell, Ltd., 885 y Rd., Golders Green, N.W.11.

FIED CHEMIST required. Permanency. Lady . State salary, etc. Sidney H. Blunt, Ltd., rdesley Green, Birmingham, 9.

FIED MANAGER required for branch phar- Salary, £10 per week, and commission on l Health dispensing (minimum £1). Super- on scheme. Apply, stating age and experi- to Kidderminster Co-operative Chemists, Worcester St., Kidderminster.

FIED SUPERINTENDENT pharmacist-optician d by the Great Grimsby Co-operative Ltd. House available. Pleasant seaside Applications, giving details of age, quali- s, etc., to the Managing Secretary, 74 di St., Grimsby.

ATE. Qualified manager required. Ample cious re-decorated flat available over shop. alary; permanency and congenial post offered t applicant. Little dispensing but busy sea- usiness. Fullest details please, stating salary H, to D. T. Evans, Ltd., 1 High St., Mar-

MANAGER required for small limited com- n London. Good living accommodation. ency. Congenial post. Apply Box 6/859.

TAKERS, male or female, temporary for period. Good conscientious workers wanted. articulars of experience and salary required; w arranged. Box 6/854.

ON & DISTRICT CO-OPERATIVE Chemists, equire qualified pharmacist, male or female, l-equipped, modern pharmacy. Status and as branch manager. Some relief duties. nuation with transfer clause. Living accom- on if necessary. Excellent opportunity and nce for right person. Apply, giving age, ation and experience, to the Secretary, 57 t., Swindon.

YMOUTH CO-OPERATIVE SOCIETY require macist. Prospects of branch management. nodation available. Pension scheme transfer Applications in writing to Superintendent acist, 7 Lisson Gve., Mutley, Plymouth.

UNQUALIFIED DISPENSER required by old-established firm of chemists in S.E. London. Hours are from 9 a.m. until 6 p.m. (Thursdays 1 p.m.). No other duties. The position is congenial and the duties mainly N.H.S. dispensing with some counter work. Applications invited from Irish dispensers wishing to work in London. Apply to the Manager, Austins, Ltd., 154 Southwark Park Rd., S.E.16.

UNQUALIFIED MANAGER OR MANAGERESS wanted for high-class drug store in main shopping centre, Croydon area. A free hand given in running the shop and commission on results. Good basic salary. Write, stating age, experience, wages, etc., to Box 6/777.

WANTED. Chemist or chemist-optician. N.U.C.O. Scale; sales £7,949. Present wage rate, £12 3s.; No Sunday duty; flat available. Apply Hinchliffe Mill Industrial Co-operative Society, Ltd., 57-59 Huddersfield Rd., Holmfirth.

WEST END. Experienced toilet assistant required. Good salary and commission to experienced saleswoman. Apply Box 6/855.

WEST END. Qualified manager required, permanent position offering plenty of scope for initiative. Good salary plus commissions. Pension scheme. Accommodation can be arranged for suitable applicant. Apply Box 6/830.

WE HAVE several interesting and well paid vacancies for unqualified staff in the London areas of Ilford, Greenford, Hounslow and Edgware. Application in first instance to Superintendent Chemist, London Co-operative Chemists, Ltd., Grange Rd., Leyton, E.10.

YOUNG LADY ASSISTANTS with experience for chemist's counter. No dispensing. Areas Isleworth and N.W. London. Apply Box A/435.

WHOLESALE

A FIRM OF MANUFACTURING CHEMISTS, Herts, 15 miles London, require man of executive qualifications with good advertising background. Age 25/35. Reply, giving full particulars previous employment and salary expected. Box No. 849, Erwoods, Ltd., 211 Piccadilly, W.1.

A VACANCY exists in the Research Laboratories of The British Drug Houses for a young male graduate with research experience in organic chemistry. Applications should be made in writing to the Staff Manager, Ref. GMG/VP, The British Drug Houses, Ltd., Graham St., City Rd., London, N.1.

ARE YOU LOOKING for a sound and progressive position with salary, commission and all expenses? The advertisers, who are a nationally known firm of repute have vacancies for three representatives to call on chemists, doctors and hospitals (a) in S. Yorkshire, N. Lincs; (b) Glos, Somerset, Devon, Cornwall; (c) Notts, Derby, Leicester, Northants. Applicants, under 40 years of age, must be first-class salesmen and preferably with experience of the chemist's trade. Send full particulars, stating salary required, whether car owner, etc., to Box A/440.

ASSISTANT required to sales manager of small manufacturers/exporters. Professional background and experience in advertising ethical pharmaceutical, dental, or veterinary products, essential. Attractive salary offered to right person. Box A/11.

ASSISTANT PRODUCTION MANAGER (qualified) by firm of international repute with factory near London. Knowledge of large-scale manufacturing, factory organisation and staff control essential. Applications, giving full details of experience, age, etc., will be treated in strict confidence. Box A/431.

Situations Open—Continued

ASSISTANT WANTED in tablet-making department with manufacturing chemists in Liverpool. Please state experience and age. Box A/441.

ASSISTANT FOREWOMAN experienced packing pharmaceuticals, tablets and ampoules; progressive position with established manufacturing chemists in modern factory near Alperton and Perivale stations. Five-day week. Apply Box A/418.

BRITISH CHEMICALS & BIOLOGICALS LTD., require a representative to call on chemists and detail products to the medical profession in Glasgow and the West of Scotland. Applictions should be made in confidence to Sales Director, British Chemical & Biologicals Ltd., Loughborough, Leicestershire.

FIRST-CLASS HOUSE manufacturing finest quality and superbly presented range of medicated pastilles, lozenges and specialities, require representatives or agents capable of developing following territories.:—(1) Lancashire and Cheshire; (2) S.E. London, Kent, Sussex; (3) West Country; (4) Wales. Applicants must have strongly established connections and possess initiative and ability. Generous remuneration and outstanding opportunity to men with the will to work. Car essential. Fullest particulars, in confidence, are necessary prior to interview. Address to Sales Director, Box 6/845.

FIRST-CLASS REPRESENTATIVE required in London area and other parts of England by established manufacturers of brushes, combs and fancy goods. Salary and commission basis. Usual particulars to Box 6/681.

GRANULATOR, experienced, required for tablet dept. of manufacturing chemists in Hertfordshire, 18 miles from London. General knowledge of tablet making an advantage, but not essential. Reply, giving full details, Box A/420.

LANCASHIRE. Assistant required in the manufacturing laboratory of small wholesale and manufacturing chemists. Applications, with details of age, training and experience, to J. J. Thomas & Son, 1 Hanging Rd., Rochdale. This advertisement appears by permission of the Ministry of Labour and National Service under the Control of Engagement Order, 1947.

MANUFACTURING CHEMISTS in Manchester district require counter-hands for their wet and dry drug departments. Superannuation scheme and 5-day week operate. Write, giving details of age, experience and wage required, to C.W.S., Ltd., Drug Works, Droylsden, Nr. Manchester.

MAY & BAKER, LTD., Dagenham, Essex, have vacancies in their pharmaceutical preparation and packaging division for newly qualified pharmacists. The engagement is on the manufacture and packaging of ethical products, with opportunity for experiment in production and control methods. Salary according to age, qualifications and experience with prospects of advancement. There is a staff pension fund (contributory). Applicants should write, giving full details (confidential) and quoting reference No. 3661 to the Personnel Officer.

OLD-ESTABLISHED cork manufacturers require representatives already calling upon chemists and druggists in various parts of the country. Commission basis only. Good connections essential. Reply to Box 6/857.

OPERATOR required for rotary tablet machines, previous experience essential, 44-hour, 5-day week and pensions scheme in operation. Apply Wright, Layman & Umney Ltd., 66/67 Park Street, S.E.1.

OPPORTUNITY KNOCKS—for first-class repre tives on a commission basis to sell two unique lines (non-competitive). The following area available: Midlands, West of England, Eastern and Southern Counties, London (South of Thames), North-Eastern Countie cluding Yorks. Please state in confidence te required, age and if car owner, to Sales Ma Box 6/767.

PHARMACIST. Representative for London sale house distributing ethical proprietarie surgical sundries to chemists only. Main London and Home Counties with occasional to provincial centres. Commencing salary with annual increments of £50 to £850. allowance to owner-driver but this is not ess Please state age, details of experience and w liberty. Box 6/858.

QUALIFIED ASSISTANT required at once wit established manufacturing chemists at new l tories in Ruislip-Harrow area. Experienc emulsions, tableting and analysing raw m preferred. Good prospects for keen, consci young man. Write, first instance, stating required, to Box A/427.

QUALIFIED CHEMIST required by old-esta manufacturing chemists situated in Manc fully experienced in the manufacture of gal tablets, toilets, etc. State experience, ag salary. Box 6/841.

REPRESENTATIVES calling on chemists requi sell "Vexterm" as an additional line. British Rodent Exterminator Co., Ltd., borough, Kent.

REPRESENTATIVES required in England, Sc Wales and N. Ireland to carry as addition new well-advertised French cosmetic p Generous commission basis. Box A/429.

RESEARCH CHEMIST, young male gradua old-established cosmetic and pharmaceutica 35 miles from London. Organic chemist wit knowledge cosmetics preferred. Salary ac to qualifications. Interesting work and e prospects for keen and energetic young man A/437.

ROCHE PRODUCTS, LTD., require two med presentatives for (1) an area covering the c of Cumberland, Durham and Northumberlar (2) South Wales, Hereford and Gloucest preferably a pharmacist with experience in viewing doctors and hospital. Salary and e commensurate with experience. Please send fiden ll details of age, experience, qualifi etc., to the Secretary, Roche Products, Ltd wyn Garden City, Herts.

SALES REPRESENTATIVE. The manufactu a range of nationally advertised househol ducts in large public demand require the of an enthusiastic and ambitious sales rep tive, preferably having a first-class con with chemists, grocers and stores in S North of the Forth. The appointment is sive and permanent, and carries a good A superannuation scheme is in operation ensures a good income on retirement. All e are paid and a car is provided. Applicants not be over 40 years of age and must be p to live on the territory. Give full particul past experience, to Box A/444.

STAFFORDSHIRE, Shropshire, Worcest Derbyshire, Herefordshire, part Gloucest Well-known manufacturing chemists with lished connection require the services representative to cover the above territor particulars of past experience and salary r to Box A/430.

Situations Open—Continued

SOUTH WEST ENGLAND AND WALES

resentative required by old-blished manufacturing house. Sound ting connection. The position offers ellent scope to a man with real ty, enthusiasm and a sound know-e of the trade. Should be resident Bristol area or thereabouts, and a owner. Fullest particulars in first er, including age, past experience and y required. **Box A/443**

REPRESENTATIVES are required for the fol-sales territories to call on chemists, stores ocers selling nationally advertised toilet, al and soap products. Only applicants existing connections and residing in the y named need apply. (1) County of Dur-2) Liverpool and South-West Lancashire; th-East Lancashire (excluding Manchester); ntral and East Lancashire. Car will be d. Superannuation scheme operated. Write, details of age, experience and salary re-to Box W.2999, Benson's Kingsway Hall, , W.C.2.

& DOHME, LTD., invite applications for f positions (pensionable) of medical repre-es. The work is varied and interesting with s which are mainly the result of original , for introduction to medical men and cists. Applicants should have a good phar-cal or medical background and be resident of the following counties: Middlesex, Nor-uffolk, Cambridge, Gloucestershire, Wilt-North Hampshire, Derbyshire and Stafford-Thorough initial training given. Full per-particulars should be submitted to Home Manager, Sharp & Dohme, Ltd., Hoddesdon,

MAKER, experienced in granulating and nachines required by manufacturing chem-Scotland. Write stating age, experience, etc. 831.

MAKER. A thoroughly experienced tablet is required by a well-known London house erstudy foreman with a view to succession Write, giving details of experience, age and required. Box A/433.

COATER. Urgently required, a capable d pill and tablet coater to take charge of nent dealing with plain and coloured work, area. 5-day week. Apply, giving age, ex-e and salary required. Box A/434.

ALIFIED MAN required for wholesale manu-ig chemists, veterinary work, in Shrewsbury. aged 25 to 35. Apply Box A/439.

S CHEMIST required by manufacturing che-situated in the North-west manufacturing als, tablets, toilet preparations, etc. Would ected to take full charge of the manufac-and purchasing of raw materials. State rticulars of previous experience, age, and required. Box 6/840.

G GRADUATE, male, to engage in research d-established cosmetic and pharmaceutical 5 miles from London. Organic chemist with nowledge cosmetics preferred. Salary accord-qualifications. Interesting work and excellent ts for keen and energetic young man. Box

WHOLESALE (OVERSEAS)

HONG KONG. A young, qualified, works chemist, with good all-round knowledge in the manufacture and packaging of toilet and medicinal specialities, also a young qualified pharmacist, preferably with some wholesale experience, for a large well-known British company. Four years' agreement with passage out and home, and remuneration on voyage. Terms attractive. Necessary living accommodation assured. Write for full particulars, giving details of past experience, etc., to Box 6/838.

SITUATIONS WANTED

3/- for 18 words (min.) then 2d. per word. Box 1/-

RETAIL (HOME)

ELDERLY RETIRED PHARMACIST requires part-time duties or 2½ days weekly, London or near. M.P.S. Box 6/803.

LADY with over 20 years' experience in dispensing requires permanent post, near London preferred. Free October 22. Box 6/850.

M.P.S.I., young, married, English experience, requires post with accommodation. Box 6/836.

WHOLESALE

EXPERIENCED and efficient salesman seeks representation for manufacturers of fine chemical and pharmaceuticals. Box P. P. 26271, Samson Clark's, 57-61 Mortimer St., W.1.

EXPERIENCED TRAVELLER, sound connection with chemists, etc., North-West and North-East England and Midlands. State terms please. Box 6/847.

REPRESENTATIVE, working on a commission basis, calling on chemists, ironmongers and departmental stores in the West Midlands area, desires permanency. Write Box 6/819.

SALES EXECUTIVE. Age 30. Recently returned from India after three years' managership of Bombay branch of leading British pharmaceutical and surgical instrument manufacturers, seeks progressive position, home or export. Excellent pharmaceutical propaganda and sales experience in U.K. with ethical companies. Highest credentials. Box 6/843.

SCIENTIST, M.D., D.P.H., D.Sc., with life-long industrial and commercial experience in perfumery, toilet preparations, pharmaceuticals, soaps, disinfectants, etc., seeks executive managerial position or consultant appointment. Further details from Box 6/852.

YOUNG MAN (21), well educated, released from Forces last March, 5 months' experience of travelling, on commission basis. Calling chemists and ironmongers in N. Wales and Midlands, willing to train with firm offering prospects. Write Box 6/842.

AGENCIES

17/6 for 36 words (min.) then 4d. per word. Box 2/-

AGENT REQUIRED by manufacturer of nationally advertised toilet rolls and tissue to call upon the chemist trade in Leicestershire, Nottinghamshire, Staffordshire, Warwickshire and Derbyshire. Commission basis only. Please reply stating age, and other lines carried. Box A/438.

AGENTS with first-class connections with chemists, required to handle a popular six and eight exposure roll film. Attractive discounts and commission. The Panda Film Co. (Wholesale), Ltd., 12 Laings Corner, Mitcham, Surrey.

GENTLEMEN who are permitted to carry one more line are required by Cal-Ma-Vite Laboratories, Ltd., Albion Road, Horsham, Sussex, to handle a very quick-selling and repeating product. The product is a catarrh pastille, selling at a popular price. The areas open are Midlands and North of England. Commission only.

therwise stated, address all replies to Box Numbers c/o THE CHEMIST & DRUGGIST, 28 Essex St., London, W.C.2

AGENCIES WANTED

8/6 for 36 words (min.) then 3d. per word. Box 2/-

ADDITIONAL good-class lines required on sole agency suitable for chemists, grocers and household stores, London and Southend-on-Sea area. Box 6/837.

BRITISH PHARMACIST in Canada invites inquiries from manufacturers seeking introduction of their products, pharmaceuticals, sundry or toilet. Box 6/853.

REPRESENTATIVE requires agency with well-known house. 12 years' connection with chemists, Co-operative stores, etc., in Lancashire, N. Riding of Yorkshire, Cheshire and N. Wales. Over 1,000 active accounts. Box 6/846.

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Box A/424

MANUFACTURING CHEMISTS have facilities and plant available for the manufacture and/or packing of domestic, industrial or toilet products. Bottle, powder and tube filling. Frank Macowal, Ltd., 30 Loughborough St., S.E.11. Reliance 3435.

VACUUM FLASK REFILLS, made in Belgium, ½-litre. 4,000 immediately available for home market. Box 6/815.

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FOR SALE. 146 gross flat bottomed glass tubes, 85 x $\frac{15}{16}$ m.m. with corks to fit at 2/6 per gross. Box 821, Erwoods, Ltd., 211 Piccadilly, London, W.1.

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CARMINE WANTED, any quantity. Also cochineal blacks or silvergrain. Please write Box A/426. Telephone Prospect 1919.

WANTED, Gardner sifter and mixer, size "C" or "D". Must be in good condition. Write Box 6/813.

MISCELLANEOUS SALES

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ACCEPT 15/- CASE. 400 cases x 200 tins, holding 2-5 grain bottles of 50 sterilizing thio tablets given away. Million plain grey skillets, 3½″ x 2½″ x 2″, cost 16/- gross, accept 1/6 gross the whole. 725 plain cartons 10¾″ x 9½″ x 9½″. 11,250 printed, 11¾″ x 8½″ x 12¾″. 7,250 printed 11¼″ x 9″ x 13¾″. All new! Half price. 250,000 transparent, block bottom bags, 8″ x 4″, printed macaroni, 8/- 1,000. 200,000 ditto printed Golden Dawn, 9½″ x 3½″, 5/- 1,000. Million plain manilla envelopes, gummed, 3″ x 2″, 3/3 1,000. Thomas Horton, Merthyr.

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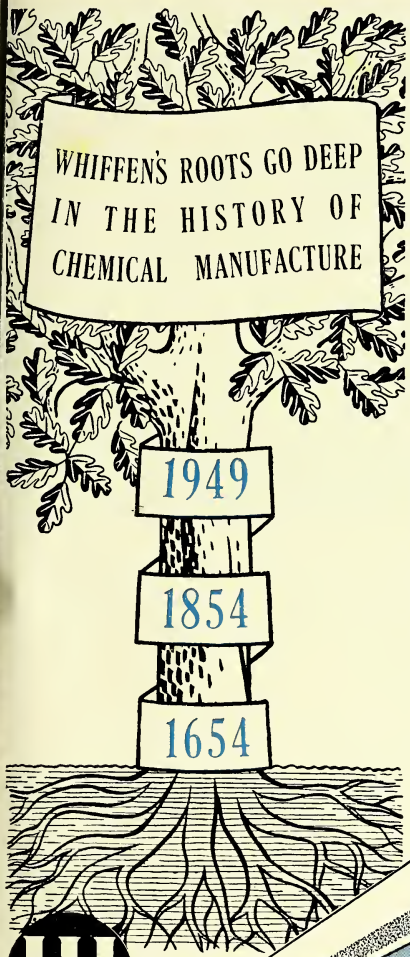

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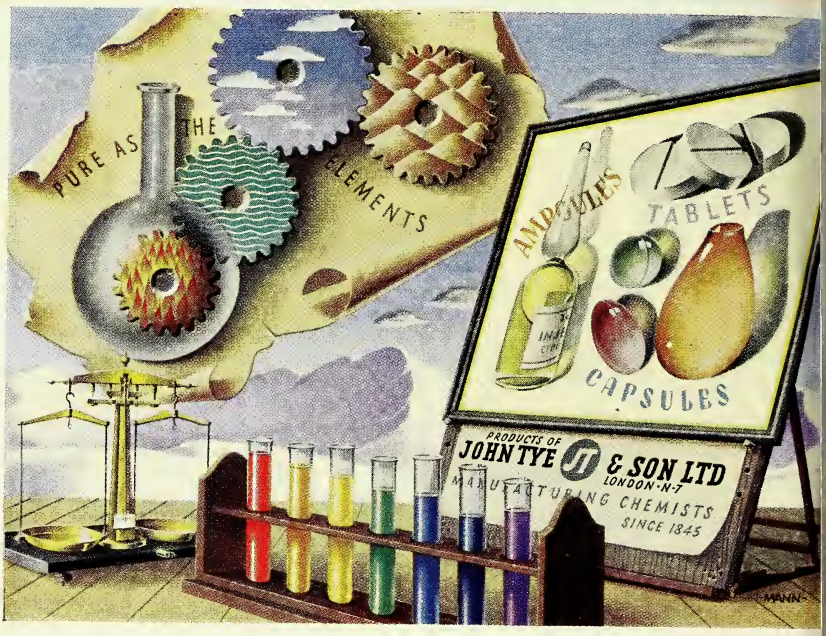

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